ADA Materials

General
Group: Miscellaneous  Status: Current
How Received: Material Receipt  Version: 1.02
Metric/English: Both  From Date: 11/09/2007  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Design Services

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/09/2007  Performed By: rpace
Check In  New MSG Groups 2013
Comment:

Certification: Required
Type
3: Manufacturer's Certification
(Required)
(Required)

Responsibility
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

☐ M&T 913 Report (Steel)
### ADA Materials

#### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 11/09/2007
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Design Services

#### Methods of Acceptance

<table>
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<td>Sample/Test:</td>
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<td>Approved List:</td>
<td>Required</td>
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<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
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<tr>
<td>Small Quantity:</td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td></td>
</tr>
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</table>

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>4: Certified Test Reports</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>3: Manufacturer's Certification (None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- [ ] M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/09/2007
**Performed By:** rpace
**Check In:** New
**Comment:**
### ADA Materials

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Design Services

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Certification**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
</tr>
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</table>

- **Responsibility**
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013

**Performed By:** rpace

**Check In:** New 2013 MSG

**Comment:**

Adjustment of Catch Basins, Drop Inlets, Manholes and Boxes

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 1.01
From Date: 04/16/2004  To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports:

Certification: N/A
Type
(Non) M&T (Non) RE (Non) Both
(Non) M&T (Non) RE (Non) Both
(Non) M&T (Non) RE (Non) Both

Responsibility

M&T 913 Report (Steel)

Testing Requirements
Sample Comment: Sample frequency will depend on material being used. Items can be brick or block, precast concrete of cast in place concrete. See appropriate materials for frequency. Specification reference is Section 858.

Technician Certifications: (None)
Adjustment of Catch Basins, Drop Inlets, Manholes and Boxes

General

Status: Archive
Version: 2.00
From Date: 01/01/1999 To Date: 05/29/2012

Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Testing Requirements

Sample Comment: Sample frequency will depend on material being used. Items can be brick or block, precast concrete of cast in place concrete. See appropriate materials for frequency. Specification reference is Section 858.

Technician Certifications: (None)
Adjustment of Catch Basins, Drop Inlets, Manholes and Boxes

**General**

- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:** Sample frequency will depend on material being used. Items can be brick or block, precast concrete or cast in place concrete. See appropriate materials for frequency. Specification reference is Section 858.
- **Technician Certifications:** (None)

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T RE Both</td>
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<td>M&amp;T RE Both</td>
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- **M&T 913 Report (Steel)**

**Action Date:** 04/14/2004  
**Performed By:** rpace

**Check In** Changed Adjustment of Catch Basins to Not Received and
**Comment:** visual inspection only
## Adjustment of Catch Basins, Drop Inlets, Manholes and Boxes

### General
- **Group:** Miscellaneous
- **Status:** Archive
- **How Received:** Not Received
- **Version:** 3.00
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]

### Testing Requirements
- **Sample Comment:** Sample frequency will depend on material being used. Items can be brick or block, precast concrete or cast in place concrete. See appropriate materials for frequency. Specification reference is Section 858.
- **Technician Certifications:** (None)

### Certification Table
<table>
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<td>M&amp;T RE Both</td>
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- [ ] M&T 913 Report (Steel)

### Action Details
- **Action Date:** 05/29/2012
- **Performed By:** rpace
- **Check In:** Expired. rkp; [ARCHIVE] expired. rkp
- **Comment:** 

# Minimum Sampling Guide

## Admixtures for Concrete

### General

- **Group:** Concrete
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Methods of Acceptance

<table>
<thead>
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<tbody>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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### Certification

- **Type:** Required
  - 3: Manufacturer's Certification
    - (None)
    - (None)

### Responsibility

- M&T  
- RE  
- Both

- M&T  
- RE  
- Both

- M&T  
- RE  
- Both

- M&T  
- RE  
- Both

- M&T  
- RE  
- Both

- M&T  
- RE  
- Both

### Small Quantity:

- No samples required. Admixtures must be as per approved mix design. See approved list

### Other Reports:

- Certifications on file with M&T

### Testing Requirements

- **Sample Comment:** No samples required. Admixtures must be as per approved mix design. See approved list

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Admixtures for Concrete

General

Group: Concrete
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/15/1997  To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Certifications on file with M&T; Pay Adj Required

Certification: Required
Type

3: Manufacturer's Certification
(Required)

Responsibility

M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)
### Admixtures for Concrete

#### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance

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<td>Other Reports</td>
<td>Certifications on file with M&amp;T</td>
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</table>

#### Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - M&T
    - RE
    - Both

#### Testing Requirements
- **Sample Comment:** No samples required. Admixtures must be as per approved mix design. See approved list.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** v5conv
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
## Admixtures for Concrete

### General
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No samples required. Admixtures must be as per approved mix design. See approved list.
- **Other Reports:** Certifications on file with M&T

### Testing Requirements
- **Sample Comment:** (None)
- **Technician Certifications:** (None)

### Certification Requirements

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</table>

- **M&T 913 Report (Steel)**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/08/2007  
**Performed By:** rpace  
**Check In:** Changed MSG Group from Concrete to Misc.  
**Comment:**
Admixtures for Concrete

General
- Group: Concrete
- Status: Current
- How Received: Not Received
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Certifications on file with M&T

Testing Requirements
- Sample Comment: No samples required. Admixtures must be as per approved mix design. See approved list
- Technician Certifications: (None)

Certification: Required
- 3: Manufacturer’s Certification
  - Type: M & T
  - Responsibility: M&T

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Admixtures for Concrete

#### General

- **Group:** Concrete
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance

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</tr>
<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Other Reports</td>
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#### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** dgreene  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Admixtures for Concrete

General

Group: Miscellaneous  Status: Expired
How Received: Not Received  Version: 2.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No samples required. Admixtures must be as per approved mix design. See approved list
Other Reports: Certifications on file with M&T

Testing Requirements

Sample Comment: (None)

Certification: Required

Type
Responsibility
3: Manufacturer's Certification

M&T  ○ RE  ○ Both

M&T  ○ RE  ○ Both

M&T  ○ RE  ○ Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Admixtures for Concrete

**General**
- **Group:** Miscellaneous
- **Status:** Correcting
- **How Received:** Not Received
- **Version:** 2.02
- **From Date:** 01/01/1999
- **Version:** 2.02
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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**Certifications:**
- M&T 913 Report (Steel)

**Other Reports:** Certifications on file with M&T

**Testing Requirements**
- **Sample Comment:** No samples required. Admixtures must be as per approved mix design. See approved list.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012  
**Performed By:** dimiller

**Check In**

**Comment:**
Admixtures for Concrete

General

- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 2.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Certifications on file with M&T

**Certification:**

- **Type:**
  - 3: Manufacturer's Certification
  - (None)
  - (None)

- **Responsibility:**
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both

Testing Requirements

- **Sample Comment:** No samples required. Admixtures must be as per approved mix design. See approved list
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Aggregate - New Source Evaluation

General

Group: Aggregate  
How Received: Not Received  
Metric/English: Metric  
Facility Type: (None)  
Default Auth Lab: Physical Lab  
Project Certification: Non-Critical  
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: Required  
Approved List: N/A  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  
Other Reports:

Testing Requirements

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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
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Test Formats

1. Coarse Aggregate (Metric) - Version 3
   - Owning Lab: Physical Lab
   - Metric/English Code: Metric
   - IA Type: None
   - Sample/Test Remarks:

2. Corrosivity Tests - Version 8
   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/14/2014  
Performed By: fdward

Check In: Changed QA Frequency to 20,000 and Verification to 10,000

Comment: 10,000
## Test Formats

3. Fine Aggregate Test (Metric) - Version 1

<table>
<thead>
<tr>
<th><strong>Owning Lab:</strong> Physical Lab</th>
<th><strong>Metric/English Code:</strong> Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IA Type:</strong> None</td>
<td><strong>Sample/Test Remarks:</strong></td>
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</tbody>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2014

**Performed By:** fdward

**Check In**

**Comment:** Changed QA Frequency to 20,000 and Verification to 10,000
Aggregate - New Source Evaluation

General
- Group: Aggregate
- How Received: Not Received
- Metric/English: English
- Status: Current
- Version: 3.03
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A

Testing Requirements
- Test Category: Verification
- Sample Frequency: 200.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Lab
- Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Technician Certifications:
- Type: Sampling
- Certification(s): QC/QA Aggregate Sampling Technician

Test Formats
1. Coarse Aggregate Yearly - Version 10
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Corrosivity Tests - Version 8
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/2014
Performed By: fdward
Check In: 
Comment: 
### Test Formats

3. Fine Aggregate Test Yearly - Version 8

<table>
<thead>
<tr>
<th>Property</th>
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</thead>
<tbody>
<tr>
<td><strong>Owning Lab:</strong></td>
<td>Soils Lab</td>
</tr>
<tr>
<td><strong>IA Type:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Metric/English Code:</strong></td>
<td>Both</td>
</tr>
<tr>
<td><strong>Sample/Test Remarks:</strong></td>
<td></td>
</tr>
</tbody>
</table>

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

- **Action Date:** 05/15/2014
- **Performed By:** fdward
- **Check In:** 
- **Comment:**

---
Aggregate - New Source Evaluation

General
Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.02
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports:

Certification: N/A

Responsibility

<table>
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<tr>
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<th>RE</th>
<th>Both</th>
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<tr>
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</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification   | 200.00           | M&T Lab                  | M&T Lab               |

Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Technician Certifications:
Type: Sampling
Certification(s):
QC/QA Aggregate Sampling Technician

Test Formats
1. Coarse Aggregate Yearly - Version 10
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Corrosivity Tests - Version 8
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Details</th>
</tr>
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</table>
| 3. Fine Aggregate Test Yearly - Version 8 | **Owning Lab:** Soils Lab  
**IA Type:** None  
**Metric/English Code:** Both  
**Sample/Test Remarks:** |

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
Aggregate - New Source Evaluation

General
Group: Aggregate
Status: Expired
Version: 3.01
From Date: 01/01/1999
To Date: 12/31/2075

How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 200.00 | M&T Lab | M&T Lab
Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Technician Certifications:
Type | Certification(s)
--- | ---
Sampling | QC/QA Aggregate Sampling Technician

Test Formats
1. Coarse Aggregate Yearly - Version 10
   - Owning Lab: Soils Lab
   - Metric/English Code: Both
   - IA Type: None

2. Corrosivity Tests - Version 8
   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 05/29/2012
Performed By: rpace
Check In: New MSG - RKP
Comment:
### Test Formats

3. **Fine Aggregate Test Yearly - Version 8**

- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** Both

### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Details

- **Action Date:** 05/29/2012
- **Performed By:** rpace
- **Check In:** New MSG - RKP
- **Comment:**
Aggregate - New Source Evaluation

General

Group: Aggregate
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 06/28/2001 To Date: 06/30/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Technician Certifications:

Type  Certification(s)
Sampling QC/QA Aggregate Sampling Technician

Test Formats

1. Coarse Aggregate (Metric) - Version 3
   
   Owning Lab: Physical Lab
   Metric/English Code: Metric
   IA Type: None
   Sample/Test Remarks:

2. Corrosivity Tests - Version 8
   
   Owning Lab: Chemical Lab
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001  Performed By: v5conv
Check In  V5.0 MSG Updates per RPace.
Comment:
### Test Formats

3. Fine Aggregate Test (Metric) - Version 1

<table>
<thead>
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<tr>
<td>Sample/Test Remarks:</td>
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<tr>
<td></td>
</tr>
</tbody>
</table>

**Owning Lab:** Physical Lab  
**IA Type:** None  

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/28/2001  
**Performed By:** v5conv  
**Check In:** V5.0 MSG Updates per RPace.  
**Comment:**
### Aggregate - New Source Evaluation

**General**
- **Group:** Aggregate
- **Status:** History
- **Version:** 2.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006

**How Received:** Not Received

**Facility Type:** (None)

**Default Auth Lab:** Physical Lab

**Project Certification:** Minor

**MSG Responsibility:** Physical Lab

**Methods of Acceptance**

<table>
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<tr>
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<th>Sample/Test</th>
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<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
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<tbody>
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**Certification:** N/A

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**Testing Requirements**

**Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
--- | --- | --- | ---
Verification | 200.00 | M&T Lab | M&T Lab

**Sample Comment:** Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

**Test Formats**

1. **Coarse Aggregate (Metric) - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
     - **Metric/English Code:** Metric

   **Sample/Test Remarks:**

2. **Corrosivity Tests - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
     - **Metric/English Code:** Both

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Aggregate - New Source Evaluation (Metric) - changed

**Comment:** Project Certification to Minor.
### Test Formats

3. Fine Aggregate Test (Metric) - Version 1

<table>
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<table>
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<td>Sample/Test Remarks:</td>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Aggregate - New Source Evaluation (Metric) - changed  
**Comment:** Project Certification to Minor.
Aggregate - New Source Evaluation

**General**

- **Group:** Aggregate
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

**Testing Requirements**

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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

**Technician Certifications:**

- **Type:** Sampling
- **Certification(s):** QC/QA Aggregate Sampling Technician

**Test Formats**

1. **Coarse Aggregate Yearly - Version 10**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Corrosivity Tests - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/28/2001  **Performed By:** v5conv

**Check In:** V5.0 MSG Updates per RPace.

**Comment:**
Test Formats

3. Fine Aggregate Test Yearly - Version 8

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Soils Lab</th>
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</thead>
<tbody>
<tr>
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<table>
<thead>
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<th>Metric/English Code</th>
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Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001

Performed By: v5conv

Check In: V5.0 MSG Updates per RPace.

Comment:
Aggregate - New Source Evaluation

General

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Status: Expired  
Version: 3.00  
From Date: 01/01/1999  
To Date: 12/31/2075

Methods of Acceptance

<table>
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Certification: N/A  
Type: (None)  
Responsibility: ☐ M&T  ☐ RE  ☐ Both

Testing Requirements

<table>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Technician Certifications:

<table>
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<th>Type</th>
<th>Certification(s)</th>
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<td>QC/QA Aggregate Sampling Technician</td>
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</table>

Test Formats

1. Coarse Aggregate (Metric) - Version 3
   
   | Owning Lab:  | Physical Lab   |
   | IA Type:     | None           |
   
   Metric/English Code: Metric  
   Sample/Test Remarks:         

2. Corrosivity Tests - Version 8
   
   | Owning Lab:  | Chemical Lab  |
   | IA Type:     | None          |

   Metric/English Code: Both  
   Sample/Test Remarks:       

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: fmoody  
Check In: Aggregate - New Source Evaluation (Metric) - changed  
Comment: Project Certification to Minor.
### Test Formats

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**Owning Lab:** Physical Lab  
**IA Type:** None  

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Aggregate - New Source Evaluation (Metric) - changed  
**Comment:** Project Certification to Minor.
Aggregate - New Source Evaluation

General

- Group: Aggregate
- Status: Expired
- How Received: Not Received
- Version: 3.00
- Metric/English: English
- From Date: 01/01/1999
- Facility Type: (None)
- To Date: 12/31/2075
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Physical Lab

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approval List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 

Other Reports:

Testing Requirements

- Test Category: Verification
- Sample Frequency: 200.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Lab
- Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Testing Requirements

- Type: Certification(s)
  - Sampling: QC/QA Aggregate Sampling Technician

Test Formats

1. Coarse Aggregate Yearly - Version 10
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Corrosivity Tests - Version 8
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. Fine Aggregate Test Yearly - Version 8  
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmooody  
**Check In:** Aggregate - New Source Evaluation (English) - changed  
**Comment:** Project Certification to Minor.
Aggregate - New Source Evaluation

General

Group: Aggregate  Status: History
How Received: Not Received  Version: 2.01
Metric/English: English  From Date: 04/16/2004  To Date: 09/23/2006
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: N/A

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  200.00  M&T Lab  M&T Lab

Sample Comment: Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

Technician Certifications:

Type  Certification(s)
Sampling  QC/QA Aggregate Sampling Technician

Test Formats

1. Coarse Aggregate Yearly - Version 10
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Corrosivity Tests - Version 8
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In  Aggregate - New Source Evaluation (English) - changed
Comment: Project Certification to Minor.
Test Formats

3. Fine Aggregate Test Yearly - Version 8

   | Owning Lab: Soils Lab | Metric/English Code: Both |
   | IA Type: None         | Sample/Test Remarks:     |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Aggregate - New Source Evaluation (English) - changed
Comment: Project Certification to Minor.
Aggregate Base Course

General

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</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification</th>
<th>N/A</th>
</tr>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Type</td>
<td></td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
<td>Responsibility</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td></td>
<td>RE</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td></td>
<td>Both</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small Quantity</td>
<td>&lt;500 Tons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 500, 504, or 514N or 515N; Pay Adj Required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Sample Comment</th>
<th>QUALITY: One pair of samples (A &amp; B) per 1000 tons or fraction thereof. Each sample shall weigh a minimum of 70 lbs. DENSITY: 32 feet in width or less &gt; One per 1000 linear feet. More than 32 feet in width &gt; One per 3000 sq yd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Test Formats

1. Aggregate Base Course - Version 14
   - Owner Lab: Soils Lab
   - IA Type: ABC Gradation & Stabilizer
   - Metric/English Code: Both
   - Sample/Test Remarks: 

2. Aggregate Base Course - Falcon - Version 2
   - Owner Lab: Physical Lab
   - IA Type: ABC Gradation & Stabilizer
   - Metric/English Code: English
   - Sample/Test Remarks: 

3. IA Aggregate Program - ABC - Version 4
   - Owner Lab: Soils Lab
   - IA Type: Aggregate Program
   - Metric/English Code: Both
   - Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate Base Course

General

Group: Aggregate  Status: Current
How Received: Ticket  Version: 6.02
Metric/English: English  From Date: 02/19/2014  To Date: 12/31/2075
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Responsibility: (None)  Type: M&T
Sample/Test: Required  Type: RE
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Density Other Conventional & Nuclear
Small Quantity: 2500 Tons - If more than 2500 tons a minimum of 2 samples per project.
Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Density</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Acceptance: 1 sample per 2500 Tons or fraction thereof. Small Quantity less than 2500 tons. QA Split: 1 sample per 20,000 Tons. Verification: 1 sample per 10,000 Tons. QC: 1 sample per 2000 Tons. Density: Refer to ABC Density Testing Manual.

Technician Certifications:

- Type: Density Other Conventional  Certification(s): Conventional Density Technician
- Type: Density Other Nuclear  Certification(s): ABC Nuclear Density Technician
- Type: Sampling  Certification(s): ABC Sampling Technician OR QC/QA Aggregate Sampling Technician
- Type: Testing  Certification(s): QC/QA Aggregate Testing Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2014  Performed By: fdward
Check In: Changed QA Frequency to 20,000 and Verification to 10,000
## Test Formats

1. **Aggregate Base Course - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2014  
**Performed By:** fdward  
**Check In:** Changed QA Frequency to 20,000 and Verification to 10,000
Aggregate Base Course

General
Group: Aggregate  Status: Expired
How Received: Ticket  Version: 5.00
Metric/English: English  From Date: 01/01/1999  To Date: 02/18/2014
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: <500 Tons
Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications:

Type  Certification(s)
Sampling  ABC Sampling Technician OR QC/QA Aggregate Sampling Technician OR QC/QA Aggregate Testing Technician

Test Formats
1. Aggregate Base Course - Version 14

Owning Lab: Soils Lab  Metric/English Code: Both
IA Type: ABC Gradation & Stabilizer  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fm Moody
Check In: ABC - English - added Sampling Cert. (QC/QA Aggr Testing
Comment: Tech) changed IA-Comparative Sampling Responsibility to M&T Field
## Test Formats

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** ABC - English - added Smpling Cert. (QC/QA Aggr Testing)  
**Comment:** Tech) changed IA-Comparative Smpling Responsibility to M&T Field; Changed Quality Control Smpling
Aggregate Base Course

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

<table>
<thead>
<tr>
<th>Type</th>
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<th>Both</th>
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<tbody>
<tr>
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<td>(None)</td>
<td>(None)</td>
<td>(None)</td>
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</tbody>
</table>

M&T 913 Report (Steel)

Small Quantity: 2500 Tons - If more than 2500 tons a minimum of 2 samples per project.

Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Density</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: Acceptance: 1 sample per 2500 Tons or fraction thereof. Small Quantity less than 2500 tons. QA: 1 sample per 6000 Tons QC: 1 sample per 2000 Tons IA: 1 sample per 20000 Tons Density: Refer to ABC Density Testing Manual.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
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<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>ABC Sampling Technician OR QC/QA Aggregate Sampling Technician</td>
</tr>
<tr>
<td>Testing</td>
<td>QC/QA Aggregate Testing Technician</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

1. **Aggregate Base Course - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/18/2014

**Check In:** Okay

**Performed By:** rpace

**Comment:**
Aggregate Base Course

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility: N/A

Acceptance: 1 sample per 2500 Tons
QC: 1 sample per 2000 Tons
IA: 1 sample per 20000 Tons

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,500.00 Project Personnel M&T Lab
Density 1,000.00 Project Personnel Project Personnel
IA - Comparative 20,000.00 M&T Field M&T Lab
Quality Control 2,000.00 Producer/Supplier Producer/Supplier
Quality Assurance 6,000.00 M&T Field M&T Lab

Sample Comment:
Acceptance: 1 sample per 2500 Tons
QC: 1 sample per 2000 Tons
IA: 1 sample per 20000 Tons

Technician Certifications:
Type Certification(s)
Density Other Conventional Conventional Density Technician
Density Other Nuclear ABC Nuclear Density Technician
Sampling ABC Sampling Technician OR QC/QA Aggregate Sampling Technician
Testing QC/QA Aggregate Testing Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/18/2013
Performed By: twittington
Check In New MSG 2013
Comment:
### Test Formats

1. **Aggregate Base Course - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/18/2013  
**Performed By:** twittington  
**Check In:** New MSG 2013  
**Comment:**
### Aggregate Base Course

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group:</td>
<td>Aggregate</td>
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<tr>
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<td>Ticket</td>
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</tr>
<tr>
<td>Facility Type:</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
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<td>MSG Responsibility:</td>
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<tr>
<td>Status:</td>
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<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest: | N/A                |
| Alt ID Matching: | (None)            |
| Sample/Test: | Required         |
| Approved List: | N/A               |
| Visual Inspection: | N/A               |
| Catalog Cut: | N/A               |
| Field Inspection: | N/A               |
| Small Quantity: | <500 Metric Tons |

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>18,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: Please see the latest version of Aggregate QC/QA program.

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>ABC Sampling Technician OR QC/QA Aggregate Sampling Technician OR QC/QA Aggregate Testing Technician</td>
</tr>
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</table>

#### Test Formats

1. Aggregate Base Course - Version 14

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>IA Type:</td>
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</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

2. IA Aggregate Program - ABC - Version 4

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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</thead>
<tbody>
<tr>
<td>Soils Lab</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>IA Type: Aggregate Program</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Aggregate Base Course

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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<td>Sample/Test</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>&lt;500 Tons</td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 500, 504, or 514N or 515N</td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
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</tbody>
</table>

## Sample Comment:

**Test Formats**

1. **Aggregate Base Course** - Version 14

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils Lab</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

**IA Type**

ABC Gradation & Stabilizer

**Certification(s)**

ABC Sampling Technician OR QC/QA Aggregate Sampling Technician

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/21/2001  
Performed By: rpace  
Check In: Changed IA non comparative to IA comparative  
Comment:
### Test Formats

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab**: Physical Lab
   - **IA Type**: ABC Gradation & Stabilizer
   - **Metric/English Code**: English
   - **Sample/Test Remarks**:

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab**: Soils Lab
   - **IA Type**: Aggregate Program
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**:

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 08/21/2001

**Performed By**: rpace

**Check In**: Changed IA non comparitive to IA comparitive

**Comment**: 
Aggregate Base Course

General

Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Current
Version: 3.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility: N/A

Type
(None)
(None)
(None)

☐ M&T 913 Report (Steel)

Testing Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 5,000.00 Project Personnel M&T Lab
Density 900.00 Project Personnel Project Personnel
IA - Comparative 18,000.00 M&T Field M&T Lab
Quality Control 1,000.00 Producer/Supplier Producer/Supplier
Quality Assurance 5,000.00 M&T Field M&T Lab

Sample Comment:

Please see the latest version of Aggregate QC/QA program.; See appropriate QC/QA manual for sample frequency.

DENSITY: 9 meters in width or less>one per 300 meters.
more than 9 meters in width>one per 2500 sq. meter.
IA - One comparative test per 3.2 km

Technician Certifications:

Type Certification(s)
Density Other Conventional Conventional Density Technician
Density Other Nuclear ABC Nuclear Density Technician
Sampling ABC Sampling Technician OR QC/QA Aggregate Sampling Technician OR QC/QA Aggregate Testing Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/22/2006
Performed By: conv61
Check In v6.1 conv - The information from Field Density - Aggregate
Comment: Base Course has been merged with this record.
## Test Formats

1. **Aggregate Base Course** - Version 14  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** ABC Gradation & Stabilizer  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **IA Aggregate Program** - ABC - Version 4  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** Aggregate Program  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation  
Minimum Sampling Guide

## Aggregate Base Course

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Status

- **Status:** Expired
- **Version:** 5.02
- **From Date:** 01/01/1999
- **To Date:** 02/18/2014

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Test</th>
<th>Pretest</th>
<th>Certification</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Field Inspection:** Required  
**Inspection Type(s):** Density Other Conventional & Nuclear

### Small Quantity

- **Small Quantity:** 1000 Tons - If more than 1000 tons a minimum of 3 samples per project.

### Other Reports

- M&T 500, 504, or 514N or 515N

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Density</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- Acceptance: 1 sample per 2500 Tons QA: 1 sample per 6000 Tons Tons Density: Refer to ABC Density Testing Manual.  
- QC: 1 sample per 2000 Tons IA: 1 sample per 20000 Tons

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>ABC Sampling Technician OR QC/QA Aggregate Sampling Technician OR QC/QA Aggregate Testing Technician</td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:**  
**Comment:** NEW 2013 MSG
### Test Formats

1. **Aggregate Base Course - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
Aggregate Base Course

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: <500 Tons
Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling ABC Sampling Technician OR QC/QA Aggregate Sampling Technician OR QC/QA Aggregate Testing Technician

Test Formats

1. Aggregate Base Course - Version 14

Owning Lab: Soils Lab
IA Type: ABC Gradation & Stabilizer
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

### 2. Aggregate Base Course - Falcon - Version 2
- **Owning Lab:** Physical Lab
- **IA Type:** ABC Gradation & Stabilizer
- **Metric/English Code:** English
- **Sample/Test Remarks:**

### 3. IA Aggregate Program - ABC - Version 4
- **Owning Lab:** Soils Lab
- **IA Type:** Aggregate Program
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In**  
ABC - English - added Sampling Cert. (QC/QA Aggr Testing)

**Comment:** Tech changed IA-Comparative Sampling Responsibility to M&T Fld Contr. Quality Control Role.
Aggregate Base Course

General

<table>
<thead>
<tr>
<th>Group: Aggregate</th>
<th>Status: History</th>
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</thead>
<tbody>
<tr>
<td>How Received: Ticket</td>
<td>Version: 2.00</td>
</tr>
<tr>
<td>Metric/English: Metric</td>
<td>From Date: 04/06/2000</td>
</tr>
<tr>
<td>Facility Type: Coarse Aggregate</td>
<td>To Date: 04/10/2000</td>
</tr>
<tr>
<td>Default Auth Lab: Central GeoMaterials Lab</td>
<td></td>
</tr>
<tr>
<td>Project Certification: Critical</td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility: Soils Lab</td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: N/A | Certification: N/A |
| Alt ID Matching: (None) | Type: (None) |
| Sample/Test: Required | Responsibility: |
| Approved List: N/A | □ M&T 913 Report (Steel) |
| Visual Inspection: N/A | (None) |
| Catalog Cut: N/A | □ M&T 500, 504, or 514N or 515N |
| Field Inspection: N/A | |
| Small Quantity: <500 Metric Tons | |
| Other Reports: M&T 500, 504, or 514N or 515N | |

Testing Requirements

Sample Comment: See Appropriate QC/QA manual for Sample Freq. QUAL: 1 pair of samples (A & B) per 1000 tons or fraction. Each sample minimum 70 lbs. DENSITY: 32 ft. width or less, 1 per 1000 linear ft. More than 32 ft. width, 1 per 3000 sq. yd.

Technician Certifications: (None)

Test Formats

1. Aggregate Base Course - Version 14
   
   | Owning Lab: Soils Lab | Metric/English Code: Both |
   | IA Type: ABC Gradation & Stabilizer | Sample/Test Remarks: |

2. IA Aggregate Program - ABC - Version 4
   
   | Owning Lab: Soils Lab | Metric/English Code: Both |
   | IA Type: Aggregate Program | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000

Performed By: Idean

Check In: Changed default authorizing lab from Physical to Chemical.
Aggregate Base Course

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 3.00
From Date: 05/08/2001 To Date: 06/21/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: <500 Tons
Other Reports: M&T 500, 504, or 514N or 515N

Certification: N/A
Responsibility

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 5,000.00 Project Personnel M&T Lab
IA - Non-comparative 20,000.00 Project Personnel M&T Lab
Quality Control 1,000.00 Project Personnel M&T Lab
Quality Assurance 5,000.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling ABC Sampling Technician OR QC/QA Aggregate Sampling Technician

Test Formats

1. Aggregate Base Course - Version 14

Owning Lab: Soils Lab
IA Type: ABC Gradation & Stabilizer

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection. Action Date: 05/08/2001 Performed By: rpace Check In Setting IA Format Comment:
### Test Formats

2. Aggregate Base Course - Falcon - Version 2  
   - **Owning Lab:** Physical Lab  
   - **IA Type:** ABC Gradation & Stabilizer  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

3. IA Aggregate Program - ABC - Version 4  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** Aggregate Program  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Perform: rpace**  
**Action Date:** 05/08/2001  
**Check In:** Setting IA Format  
**Comment:**
Aggregate Base Course

General

Status: History
Version: 1.00
From Date: 06/25/1997 To Date: 12/11/1999

Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: <500 Metric Tons
Other Reports: M&T 500, 504, or 514N or 515N; Pay Adj Required

Testing Requirements

Sample Comment:
QUALITY: One pair of samples (A & B) per 1000 metric tons or fraction thereof. Each sample shall weigh a minimum of 32 kg.
DENSITY: 9 meters in width or less > One per 300 meters.
More than 9 meters in width > One per 2500 sq. meter

Technician Certifications: (None)

Test Formats

1. Aggregate Base Course - Version 14
   Owning Lab: Soils Lab
   IA Type: ABC Gradation & Stabilizer
   Metric/English Code: Both
   Sample/Test Remarks:

2. IA Aggregate Program - ABC - Version 4
   Owning Lab: Soils Lab
   IA Type: Aggregate Program
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Aggregate Base Course**

**General**
- **Group:** Aggregate
- **Status:** History
- **Version:** 2.01
- **From Date:** 06/28/2001
- **To Date:** 09/23/2006
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
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</tr>
<tr>
<td>Sample/Test:</td>
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<tr>
<td>Approved List:</td>
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<tr>
<td>Visual Inspection:</td>
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</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Small Quantity:** <500 Metric Tons

**Other Reports:** M&T 500, 504, or 514N or 515N

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>18,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Please see the latest version of Aggregate QC/QA program.

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>ABC Sampling Technician OR QC/QA Aggregate Sampling Technician OR QC/QA Aggregate Testing Technician</td>
</tr>
</tbody>
</table>

**Test Formats**

1. Aggregate Base Course - Version 14

**Owning Lab:** Soils Lab
**IA Type:** ABC Gradation & Stabilizer

**Metric/English Code:** Both
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv
**Check In:** Setting IA Format
**Comment:**
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. IA Aggregate Program - ABC - Version 4</td>
</tr>
</tbody>
</table>

- **Owning Lab:** Soils Lab
- **IA Type:** Aggregate Program
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Setting IA Format
Comment:
# Aggregate Base Course

## General
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

## Methods of Acceptance

### Pretest
- **N/A**

### Alt ID Matching
- **(None)**

### Sample/Test
- **Required**

### Approved List
- **N/A**

### Visual Inspection
- **N/A**

### Catalog Cut
- **N/A**

### Field Inspection
- **N/A**

### Small Quantity
- **✓ <500 Tons**

### Other Reports
- M&T 500, 504, or 514N or 515N

## Certification
- **N/A**

## Testing Requirements
- **Sample Comment:** See Appropriate QC/QA manual for Sample Freq. QUAL: 1 pair of samples (A & B) per 1000 tons or fraction. Each sample minimum 70 lbs. DENSITY: 32 ft. width or less, 1 per 1000 linear ft. More than 32 ft. width, 1 per 3000 sq. yd.

## Technician Certifications
- **(None)**

## Test Formats

1. **Aggregate Base Course - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
Aggregate Base Course

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 5.01
From Date: 01/01/1999 To Date: 02/18/2014

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: <500 Tons
Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<tr>
<td>Density</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
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<tr>
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<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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<td>Quality Control</td>
<td>1,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. DENSITY: 32 feet in width or less > One per 1000 linear feet. More than 32 feet in width > One per 3000 sq yd.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>ABC Sampling Technician OR QC/QA Aggregate Sampling Technician OR QC/QA Aggregate Testing Technician</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/22/2006
Performed By: conv61
Check In: v6.1 conv - The information from Field Density - Aggregate
Comment: Base Course has been merged with this record.
### Test Formats

1. **Aggregate Base Course - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aggregate Base Course - Falcon - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** ABC Gradation & Stabilizer
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006  
**Performed By:** conv61  
**Check In** v6.1 conv - The information from Field Density - Aggregate  
**Comment:** Base Course has been merged with this record.
Aggregate Base Course

General

- Group: Aggregate
- Status: Archive
- How Received: Ticket
- Version: 5.04
- Metric/English: English
- Facility Type: Coarse Aggregate
- Default Auth Lab: Central GeoMaterials Lab
- Project Certification: Critical
- MSG Responsibility: Soils Lab

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required

Certification: N/A

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<td>M&amp;T RE Both</td>
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<tr>
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<td>M&amp;T RE Both</td>
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</table>

- Certification(s): M&T 913 Report (Steel)

Sampling Responsibility:
- Acceptance: Project Personnel
- Density: Project Personnel
- IA - Comparative: M&T Field
- Quality Control: Producer/Supplier
- Quality Assurance: M&T Field

Testing Responsibility:
- Acceptance: M&T Lab
- Density: Project Personnel
- IA - Comparative: M&T Lab
- Quality Control: Producer/Supplier
- Quality Assurance: M&T Lab
- Sample Comment: Acceptance: 1 sample per 2500 Tons QA: 1 sample per 6000 Tons QC: 1 sample per 2000 Tons IA: 1 sample per 20000 Tons Density: Refer to ABC Density Testing Manual.

Testing Requirements

Certification(s):
- Density Other Conventional: Conventional Density Technician
- Density Other Nuclear: ABC Nuclear Density Technician
- Sampling: ABC Sampling Technician OR QC/QA Aggregate Sampling Technician
- Testing: QC/QA Aggregate Testing Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

1. **Aggregate Base Course - Version 14**  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** ABC Gradation & Stabilizer  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Aggregate Base Course - Falcon - Version 2**  
   - **Owning Lab:** Physical Lab  
   - **IA Type:** ABC Gradation & Stabilizer  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

3. **IA Aggregate Program - ABC - Version 4**  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** Aggregate Program  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/19/2014  
**Performed By:** rpace  
**Check In:** test  
**Comment:**
### Aggregate Base Course

#### General

- **Group:** Aggregate  
- **Status:** Expired  
- **How Received:** Ticket  
- **Version:** 6.00  
- **Metric/English:** English  
- **From Date:** 02/19/2014  
- **To Date:** 02/19/2014  
- **Facility Type:** Coarse Aggregate  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance

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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
<td>N/A</td>
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<td>M&amp;T RE Both</td>
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</table>

- **Field Inspection:** Required  
- **Inspection Type(s):** Density Other Conventional & Nuclear

- **Small Quantity:** 2500 Tons - If more than 2500 tons a minimum of 2 samples per project.

- **Other Reports:** M&T 500, 504, or 514N or 515N

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Density</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Acceptance: 1 sample per 2500 Tons or fraction thereof. Small Quantity less than 2500 tons. QA: 1 sample per 6000 Tons QC: 1 sample per 2000 Tons IA: 1 sample per 20000 Tons Density: Refer to ABC Density Testing Manual.

#### Technician Certifications:

- **Type**  
  - Density Other Conventional  
    - Certification(s): Conventional Density Technician  
  - Density Other Nuclear  
    - Certification(s): ABC Nuclear Density Technician  
  - Sampling  
    - Certification(s): ABC Sampling Technician OR QC/QA Aggregate Sampling Technician  
  - Testing  
    - Certification(s): QC/QA Aggregate Testing Technician

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/18/2014  
**Performed By:** rpace  
**Check In:** Changes to accept small quantity of 2500  
**Comment:**

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<table>
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<tr>
<td><strong>1. Aggregate Base Course - Version 14</strong>&lt;br&gt;<strong>Owning Lab:</strong> Soils Lab&lt;br&gt;<strong>IA Type:</strong> ABC Gradation &amp; Stabilizer&lt;br&gt;<strong>Metric/English Code:</strong> Both&lt;br&gt;<strong>Sample/Test Remarks:</strong></td>
<td></td>
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<tr>
<td><strong>2. Aggregate Base Course - Falcon - Version 2</strong>&lt;br&gt;<strong>Owning Lab:</strong> Physical Lab&lt;br&gt;<strong>IA Type:</strong> ABC Gradation &amp; Stabilizer&lt;br&gt;<strong>Metric/English Code:</strong> English&lt;br&gt;<strong>Sample/Test Remarks:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>3. IA Aggregate Program - ABC - Version 4</strong>&lt;br&gt;<strong>Owning Lab:</strong> Soils Lab&lt;br&gt;<strong>IA Type:</strong> Aggregate Program&lt;br&gt;<strong>Metric/English Code:</strong> Both&lt;br&gt;<strong>Sample/Test Remarks:</strong></td>
<td></td>
</tr>
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</table>

**Check In**<br>**Comment:** Changes to accept small quantity of 2500

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/18/2014  
**Performed By:** rpace  
**Comment:**

Aggregate Base Course, Field Density

General

Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 1.00
From Date: 09/10/1998 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports: M&T 500, 504, or 514N or 515N; ABC Unit Weight Required; Pay Adj Required

Certification: N/A
Responsibility

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M&T 913 Report (Steel)

Testing Requirements

Sample Comment: (None)

Technician Certifications: (None)

Test Formats

1. ABC Control Strip Density - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 3 - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. Test Section Density Test, ABC - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/10/1998
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
**Aggregate Base Course, Type B**

**General**
- **Group:** Aggregate  
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** <500 Tons
- **Other Reports:** M&T 500, 504, or 514N or 515N

<table>
<thead>
<tr>
<th>Certification</th>
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- **Certification(s):** M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
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<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
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<td>M&amp;T Lab</td>
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<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See aggregate QC/QA. Each sample minimum 70 pounds.

**Technician Certifications:**
- **Type:** Sampling
- **Certification(s):** ABC Sampling Technician OR QC/QA Aggregate Sampling Technician

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Setting IA Format

**Comment:**
Aggregate Base Course, Type B

**General**

Group: Aggregate

Status: Current

How Received: Ticket

Version: 2.02

Metric/English: English

From Date: 01/01/1999

To Date: 12/31/2075

Facility Type: Coarse Aggregate

Default Auth Lab: Central GeoMaterials Lab

Project Certification: Critical

MSG Responsibility: Soils Lab

**Methods of Acceptance**

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Required

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: 1000 Tons. If more than 1000 tons a minimum of 3 samples

Other Reports: M&T 500, 504, or 514N or 515N

**Testing Requirements**

<table>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
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<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: Acceptance: 1 sample per 2500 Tons QA: 1 sample per 6000 Tons Tons Density: Refer to ABC Density Testing Manual. QC: 1 sample per 2000 Tons IA: 1 sample per 20000 Tons

**Technician Certifications:**

- **Type**
  - Density Other Conventional
  - Density Other Nuclear
  - Sampling

- **Certification(s)**
  - Conventional Density Technician
  - ABC Nuclear Density Technician
  - ABC Sampling Technician OR QC/QA Aggregate Sampling Technician

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2014

**Performed By:** fdward

**Check In:** Changed QA Frequency to 20,000 and Verification to 10,000

**Comment:** 10,000
Aggregate Base Course, Type B

General

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<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
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Methods of Acceptance

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Testing Requirements

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<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<td>IA - Comparative</td>
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<td>M&amp;T Lab</td>
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<td>Quality Control</td>
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Sample Comment: See aggregate QC/QA. Each sample minimum 70 pounds

Technician Certifications:

<table>
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<th>Type</th>
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<tr>
<td>Sampling</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate Base Course, Type B

General

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<tr>
<td>Default Auth Lab</td>
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<td>Project Certification</td>
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<td>MSG Responsibility</td>
<td>Soils Lab</td>
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Methods of Acceptance

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<td>Visual Inspection</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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Testing Requirements

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<td>Technician Certifications</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate Base Course, Type B

General

- Group: Aggregate
- How Received: Ticket
- Metric/English: English
- Facility Type: Coarse Aggregate
- Default Auth Lab: Central GeoMaterials Lab
- Project Certification: Critical
- MSG Responsibility: Soils Lab

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: <500 Metric Tons
- Other Reports: M&T 500, 504, or 514N or 515N; Pay Adj Required

Testing Requirements

- Sample Comment:
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/09/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Aggregate Base Course, Type B

General
- Group: Aggregate
- How Received: Ticket
- Metric/English: English
- Facility Type: Coarse Aggregate
- Default Auth Lab: Central GeoMaterials Lab
- Project Certification: Critical
- MSG Responsibility: Soils Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A

- Small Quantity: 1000 Tons. If more than 1000 tons a minimum of 3 samples
- Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements
- Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
- Acceptance | 2,500.00 | Project Personnel | M&T Lab
- Density | 1,000.00 | Project Personnel | M&T Field
- IA - Comparative | 20,000.00 | M&T Field | M&T Field
- Quality Control | 2,000.00 | Producer/Supplier | Producer/Supplier
- Quality Assurance | 6,000.00 | M&T Field | M&T Lab

Sample Comment: Acceptance: 1 sample per 2500 Tons QA: 1 sample per 6000 Tons Tons Density: Refer to ABC Density Testing Manual.

QC: 1 sample per 2000 Tons IA: 1 sample per 20000

Technician Certifications:
- Type | Certification(s)
- Density Other Conventional | Conventional Density Technician
- Density Other Nuclear | ABC Nuclear Density Technician
- Sampling | ABC Sampling Technician OR QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate Base Course, Type B

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: <500 Tons
Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Acceptance | 20,000.00 | Project Personnel | M&T Lab
IA - Comparative | 40,000.00 | M&T Field | M&T Lab
Quality Control | 1,000.00 | Producer/Supplier | Producer/Supplier
Quality Assurance | 5,000.00 | M&T Field | M&T Lab

Sample Comment: See aggregate QC/QA. Each sample minimum 70 pounds.

Certification(s):
- ABC Sampling Technician OR QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Setting IA Format
Comment:
Aggregate Base Course, Type B

General

Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 1.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: <500 Metric Tons
Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 20,000.00 | Project Personnel | M&T Lab
IA - Comparative | 40,000.00 | M&T Field | M&T Lab
Quality Control | 1,000.00 | Producer/Supplier | Producer/Supplier
Quality Assurance | 5,000.00 | M&T Field | M&T Lab

Sample Comment: See aggregate QC/QA. Each sample minimum 70 pounds

Technician Certifications:

Type | Certification(s)
--- | ---
Sampling | ABC Sampling Technician OR QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In Setting IA Format
Comment:
Aggregate Shoulder Borrow

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: []

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
Technician Certifications: (None)

Test Formats
1. Aggregate Base Course - Version 14
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/14/2011
Performed By: rpace
Check In: New material
Comment:
Aggregate Shoulder Borrow

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 1.01
From Date: 09/14/2011 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 5,000.00 Project Personnel M&T Lab

Sample Comment:
Technician Certifications: (None)

Test Formats
1. Aggregate Base Course - Version 14

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/29/2012
Performed By: rpace
Check In: New MSG rkp
Comment:
Aggregate Shoulder Borrow

**General**
- **Group:** Aggregate
- **Status:** Expired
- **Version:** 1.02
- **From Date:** 09/14/2011
- **To Date:** 12/31/2075
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

**Testing Requirements**
- **Test Category:** Verification
- **Sample Frequency:** 5,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

**Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**
1. Aggregate Base Course - Version 14
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/20/2013
**Performed By:** rpace
**Check In:** NEW MSG 2013
**Comment:**
Aggregate Shoulder Borrow

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

Test Category: Verification
Sample Frequency: 5,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Aggregate Base Course - Version 14

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/14/2011
Performed By: rpace
Check In: Changed facility type to none - rkp
Comment:
Aggregate, Coarse

General

Group: Aggregate
Status: History
Version: 2.01
From Date: 06/28/2001 To Date: 09/23/2006

How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See aggregate QC/QA. Each sample minimum 70 pounds.
IA - One 22 kg. sample per 50,000 m. ton during normal paving operations.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Coarse Aggregate - Version 6

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

2. **IA Aggregate Program - Version 3**

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IA Type:</strong></td>
<td>Aggregate Program</td>
</tr>
<tr>
<td><strong>Metric/English Code:</strong></td>
<td>Both</td>
</tr>
<tr>
<td><strong>Sample/Test Remarks:</strong></td>
<td></td>
</tr>
</tbody>
</table>

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: V5.0 MSG Updates per RPace.  
Comment: 
## Aggregate, Coarse

### General

- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Central GeoMaterials Lab

### Methods of Acceptance

<table>
<thead>
<tr>
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</tr>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
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### Testing Requirements

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>IA - Non-comparative</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
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<td>Producer/Supplier</td>
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<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** See aggregate QC/QA. Each sample minimum 40 pounds. IA - One 22 kg. sample per 50,000 m. ton during normal paving operations.

### Technician Certifications

- **Type:** Sampling
- **Certification(s):** QC/QA Aggregate Sampling Technician

### Test Formats

1. Coarse Aggregate - Version 6

   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Test Formats

2. IA Aggregate Program - Version 3
   
   **Owning Lab:** Soils Lab
   **IA Type:** Aggregate Program
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Aggregate, Coarse

**General**

- **Group:** Aggregate
- **IA Type:** Aggregate Program
- **Status:** History
- **Version:** 2.00
- **From Date:** 04/06/2000
- **To Date:** 04/10/2000
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:** See appropriate QC/QA manual for sample frequency.
  IA - One 22 kg. sample per 50,000 m. ton during normal paving operations.

- **Technician Certifications:** (None)

**Test Formats**

1. Coarse Aggregate - Version 6
   
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. IA Aggregate Program - Version 3
   
   **Owning Lab:** Soils Lab
   **IA Type:** Aggregate Program
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000
**Performed By:** Idean
**Check In:** Changed default authorizing lab from Physical to Chemical.
**Comment:**
### Aggregate, Coarse

**General**

<table>
<thead>
<tr>
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<th>Value</th>
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<td>Group</td>
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<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
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<td>Status</td>
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<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

**Default Auth Lab:** Physical Lab

**MSG Responsibility:** Physical Lab

**Methods of Acceptance**

<table>
<thead>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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</table>

**Certification:** N/A

**Responsibility**

- (None)
- (None)
- (None) M &T
- (None) RE
- (None) Both
- M &T
- RE
- Both

- **M &T 913 Report (Steel)**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
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<td>Quality Assurance</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- QA Split: 1 per 20,000 Tons
- QC: 1 per 2000 Tons
- Verification: 1 per 10,000 Tons
- Project Samples

**Technician Certifications:**

- Sampling Certification(s): QC/QA Aggregate Sampling Technician

**Test Formats**

1. Coarse Aggregate - Version 6

**Owning Lab:** Soils Lab

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2014  
**Performed By:** fdward  
**Check In:** Changed QA Frequency to 20,000 and Verification to 10,000  
**Comment:** 10,000
Test Formats

2. IA Aggregate Program - Version 3

  Owning Lab: Soils Lab
  IA Type: Aggregate Program
  Metric/English Code: Both
  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/14/2014  Performed By: fdward
Check In: Changed QA Frequency to 20,000 and Verification to 10,000
Comment: 10,000
### Aggregate, Coarse

#### General

<table>
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<th>Value</th>
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<td>Group</td>
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<tr>
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<td>Default Auth Lab</td>
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<td>Project Certification</td>
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<td>To Date</td>
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#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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#### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Category</td>
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</tr>
<tr>
<td>Quality Control</td>
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<td>Verification</td>
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<td>Sample Comment</td>
<td>QA Split: 1 per 20,000 Tons</td>
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<tr>
<td>Quality Control</td>
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<tr>
<td>Verification</td>
<td>Verification: 1 per 10,000 Tons</td>
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</tbody>
</table>

#### Technician Certifications

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Type</td>
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</tr>
<tr>
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<td>QC/QA Aggregate Sampling Technician</td>
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#### Test Formats

1. Coarse Aggregate - Version 6

<table>
<thead>
<tr>
<th>Field</th>
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<tr>
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<td>Metric/English Code</td>
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<tr>
<td>Sample/Test Remarks</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/10/2017
Action Date: 07/10/2017
Performed By: fdward
Check In: Changed MSG Responsibility and Default Authorizing Lab
Comment: = Central GeoMaterials Lab
Test Formats

2. IA Aggregate Program - Version 3

   Owning Lab: Soils Lab
   IA Type: Aggregate Program
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/10/2017
Performed By: fdward
Check In: Changed MSG Responsibility and Default Authorizing Lab
Comment: = Central GeoMaterials Lab
Aggregate, Coarse

General

Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Certification: N/A
Type
(Any)
(Any)
(Any)

Responsibility
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See aggregate QC/QA. Each sample minimum 70 pounds. IA - One 22 kg. sample per 50,000 m. ton during normal paving operations.

Technical Certifications:

Type
Sampling
Certification(s)
QC/QA Aggregate Sampling Technician

Test Formats

1. Coarse Aggregate - Version 6

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

2. IA Aggregate Program - Version 3

  **Owning Lab:** Soils Lab
  **IA Type:** Aggregate Program
  **Metric/English Code:** Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: v5conv  
Check In: V5.0 MSG Updates per R Pace.  
Comment:
### Aggregate, Coarse

#### General

<table>
<thead>
<tr>
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<tr>
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<tr>
<td>Facility Type:</td>
<td>Coarse Aggregate</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
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</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>N/A</th>
<th>Certification:</th>
<th>N/A</th>
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<tbody>
<tr>
<td>Alt ID Matching:</td>
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<td>Type</td>
<td>N/A</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>Required</td>
<td>Responsibility</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>Approved List:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
<td></td>
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</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
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<td></td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
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</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Other Reports:</td>
<td></td>
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</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>4,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: QA: 1 per 4000 Tons QC: 1 per 2000 Tons Verification: 1 per 50000 Tons Project Samples for Concrete Pavement taken by M&T Personnel Only

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

#### Test Formats

1. Coarse Aggregate - Version 6

Owning Lab: Soils Lab

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

- Action Date: 04/06/2000
- Performed By: Idean
- Check In: Changed default authorizing lab from Physical to Chemical.
# Test Formats

2. IA Aggregate Program - Version 3

| Owning Lab: | Soils Lab |
| IA Type:    | Aggregate Program |
| Metric/English Code: | Both |
| Sample/Test Remarks: | |

## Aggregate, Coarse

### General

| Group:      | Aggregate |
| How Received: | Ticket |
| Metric/English: | English |
| Facility Type: | Coarse Aggregate |
| Default Auth Lab: | Physical Lab |
| Project Certification: | Non-Critical |
| MSG Responsibility: | Physical Lab |

### Methods of Acceptance

| Pretest:       | N/A |
| Alt ID Matching: | (None) |
| Sample/Test:   | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut:   | N/A |
| Field Inspection: | N/A |
| Small Quantity: |   |

### Certification

| Certification: | N/A |

<table>
<thead>
<tr>
<th>Responsibility Type</th>
<th>M &amp; T</th>
<th>RE</th>
<th>Both</th>
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</thead>
<tbody>
<tr>
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<td>RE</td>
<td>Both</td>
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</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

- **M & T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:** See appropriate QC/QA manual for sample frequency.
  - IA - One 48 lb. sample for every 50,000 tons during normal paving operations.

- **Technician Certifications:** (None)

### Test Formats

1. Coarse Aggregate - Version 6

| Owning Lab: | Soils Lab |
| IA Type:    | None |
| Metric/English Code: | Both |
| Sample/Test Remarks: | |

2. IA Aggregate Program - Version 3

| Owning Lab: | Soils Lab |
| IA Type:    | Aggregate Program |
| Metric/English Code: | Both |
| Sample/Test Remarks: | |

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000  
Performed By: Idean

Check In: Changed default authorizing lab from Physical to Chemical.
Payment: Aggregate

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

<table>
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<tr>
<th>Test Category</th>
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<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency.
IA - One 48 lb. sample for every 50,000 tons during normal paving operations.

Technician Certifications:

Type: Sampling
Certification(s): QC/QA Aggregate Sampling Technician

Test Formats

1. Coarse Aggregate - Version 6

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: V5.0 MSG Updates per RPace.
Comment:
## Test Formats

2. **IA Aggregate Program - Version 3**

   **Owning Lab:** Soils Lab  
   **IA Type:** Aggregate Program  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

### Aggregate, Coarse - For Electrochemical

#### General

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Ticket</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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#### Methods of Acceptance

<table>
<thead>
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<th>Value</th>
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</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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<td>Prepayment Invoice Required</td>
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#### Certification

<table>
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<td>Certification Type</td>
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</tr>
<tr>
<td>Responsibility</td>
<td>M&amp;T 913 Report (Steel)</td>
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#### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Test Category</td>
<td>Acceptance</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>2,700.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Sample Comment</td>
<td>One 20 kg. sealed plastic bag</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** V5.0 MSG Updates per RPace.
**Comment:**
Aggregate, Coarse - For Electrochemical

General
- Group: Aggregate
- Status: Current
- How Received: Ticket
- Version: 2.01
- Metric/English: English
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: Coarse Aggregate
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Chemical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Test Category: Verification
- Sample Frequency: 3,000.00
- Sampling Responsibility: Project Personnel
- Testing Responsibility: M&T Lab
- Sample Comment: One 20 lb. sealed plastic bag
- Technician Certifications: (None)

Test Formats
1. Corrosivity Tests - Version 8
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performing Lab: rpace
Check In: NEW 2013 MSG
Comment:
### Aggregate, Coarse - For Electrochemical

**General**

<table>
<thead>
<tr>
<th>Group:</th>
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<tbody>
<tr>
<td>How Received:</td>
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<tr>
<td>Metric/English:</td>
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<tr>
<td>Facility Type:</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest:     | N/A                                        |
| Alt ID Matching: | (None)                                    |
| Sample/Test: | Required                                   |
| Approved List: | N/A                                       |
| Visual Inspection: | Optional                                  |
| Catalog Cut: | N/A                                        |
| Field Inspection: | N/A                                       |
| Small Quantity: | ☐                                         |
| Other Reports: | Prepayment Invoice Required                |

**Certification:**

<table>
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<tbody>
<tr>
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- (None)
- M&T
- RE
- Both

- M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>3,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- One 40 lb. sealed plastic bag.

**Technician Certifications:**

- (None)

**Test Formats**

1. Corrosivity Tests - Version 8

**Owning Lab:** Chemical Lab

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** V5.0 MSG Updates per RPace.

**Comment:**
Aggregate, Coarse - For Electrochemical

General

<table>
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<tr>
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<th>Aggregate</th>
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<tr>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

| Pretest          | N/A                          |
| Alt ID Matching  | (None)                       |
| Sample/Test      | Required                     |
| Approved List    | N/A                          |
| Visual Inspection| Optional                     |
| Catalog Cut      | N/A                          |
| Field Inspection | N/A                          |
| Small Quantity   |                             |
| Other Reports    | Prepayment Invoice Required  |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Acceptance</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3,000.00</td>
<td></td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: One 40 lb. sealed plastic bag.

Technician Certifications: (None)

Test Formats

1. Corrosivity Tests - Version 8

   | Owning Lab: Chemical Lab |
   | IA Type: None |

   Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Aggregate, Coarse - For Electrochemical

#### General
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

#### Status
- **Version:** 1.01
- **From Date:** 06/28/2001
- **To Date:** 09/23/2006

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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<td>Optional</td>
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#### Certification
- **Type:** N/A
- **Responsibility:**
  - (None)

#### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 2,700.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

**Sample Comment:** One 20 kg. sealed plastic bag.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv
**Check In:** V5.0 MSG Updates per RPace.
**Comment:**
Aggregate, Fine - Asphalt

General

<table>
<thead>
<tr>
<th>Group:</th>
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<tbody>
<tr>
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<td>Version:</td>
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<tr>
<td>Metric/English:</td>
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<td>From Date:</td>
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<tr>
<td>Facility Type:</td>
<td>Other</td>
<td>To Date:</td>
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</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Asphalt Lab</td>
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<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
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<td></td>
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<tr>
<td>MSG Responsibility:</td>
<td>Asphalt Lab</td>
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Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
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</tr>
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<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
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</table>

M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,800.00</td>
<td>Producer/Supplier</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Quality Assurance</td>
<td>3,600.00</td>
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<td>M&amp;T Lab</td>
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Sample Comment:

Technician Certifications:

<table>
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<th>Certification(s)</th>
</tr>
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<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.  

Action Date: 08/05/2004  
Performed By: rpace  
Check In: updated qc aggregate info for fine aggregate  
Comment:  

From Date: 08/05/2004  
To Date: 08/05/2004
Aggregate, Fine - Asphalt

General

Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: Other
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Certification: N/A
Type

Responsibility

<table>
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<tr>
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</thead>
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<tr>
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<tr>
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<td>M&amp;T Lab</td>
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M&T 913 Report (Steel)

Testing Requirements

<table>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>Quality Assurance</td>
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<tr>
<td>Verification</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
- QA: 1 per 4000 Tons
- QC: 1 per 2000 Tons
- Verification: 1 per 50000 Tons

Technician Certifications:

Type: Sampling
Certification(s):
- QC/QA Aggregate Sampling Technician

Test Formats

1. Fine Aggregate - Version 6
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. IA Aggregate Program - Version 3
   - Owning Lab: Soils Lab
   - IA Type: Aggregate Program
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
# Aggregate, Fine - Asphalt

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Aggregate</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>5.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Other</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Asphalt Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Asphalt Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification</th>
<th>N/A</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>Sample/Test</td>
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<td>M&amp;T</td>
</tr>
<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Field Inspection</td>
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<td>RE</td>
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<tr>
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<td>☐</td>
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</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Control</td>
<td>1,800.00</td>
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<td>Producer/Supplier</td>
</tr>
<tr>
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<td>3,600.00</td>
<td>Producer/Supplier</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

## Sample Comment:

- Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

## Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>
Aggregate, Fine - Asphalt

**General**

- **Group:** Aggregate
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** Other
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Asphalt Lab

**Status:** Expired

**Version:** 4.02

**From Date:** 01/01/1999  **To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

**Small Quantity:**

**Other Reports:**

- **Certification:** N/A
- **Responsibility**
  - (None)
  - (None)
  - (None)

<table>
<thead>
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<th>Testing Responsibility</th>
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<tbody>
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<td>Quality Assurance</td>
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<td>M&amp;T Lab</td>
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<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** QA Split: 1 per 20,000 Tons  
QC: 1 per 2000 Tons  
Verification: 1 per 10,000 Tons

**Testing Requirements**

**Technician Certifications:**

- **Type**  
  Sampling  
  **Certification(s)**  
  QC/QA Aggregate Sampling Technician

**Test Formats**

1. **Fine Aggregate - Version 6**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None

2. **IA Aggregate Program - Version 3**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2014  
**Performed By:** Edward

**Check In:** Changed QA Frequency to 20,000 and Verification to 10,000
Aggregate, Fine - Asphalt

General
- Group: Aggregate
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: Other
- Default Auth Lab: Asphalt Lab
- Project Certification: Non-Critical
- MSG Responsibility: Asphalt Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports:

Certification:
- Type: N/A
- Responsibility:
  - (None)
  - (None)
  - (None)
  - M&T
  - RE
  - Both

Testing Requirements
- Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
- Quality Control | 1,000.00 | Producer/Supplier | M&T Lab
- Quality Assurance | 1,000.00 | Producer/Supplier | M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. QC is one sample per 1000 tons. QA is one sample per 1000 tons.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Aggregate, Fine - Asphalt

**General**

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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**Methods of Acceptance**

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**Testing Requirements**

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**Sample Comment:**  
- M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>Producer/Supplier</td>
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<td>Quality Assurance</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

**Test Formats**

1. **Fine Aggregate - Version 6**
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Both

2. **IA Aggregate Program - Version 3**
   - Owning Lab: Soils Lab
   - IA Type: Aggregate Program
   - Metric/English Code: Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** updated qc aggregate info for fine aggregate  
**Comment:**
Aggregate, Fine - Asphalt

General

Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: Other
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Central GeoMaterials Lab

Status: Current
Version: 4.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: N/A

Responsibility

Type
(Nono)  M &T  RE  Both
(Nono)  M &T  RE  Both
(Nono)  M &T  RE  Both

M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: QA Split: 1 per 20,000 Tons
QC: 1 per 2000 Tons
Verification: 1 per 10,000 Tons

Technician Certifications:

Type
Sampling
Certification(s)
QC/QA Aggregate Sampling Technician

Test Formats

1. Fine Aggregate - Version 6
   
   Owning Lab: Soils Lab
   IA Type: None

2. IA Aggregate Program - Version 3
   
   Owning Lab: Soils Lab
   IA Type: Aggregate Program

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/13/2017
Performed By: Edward
Check In: Changed MSG Responsibility and Default Authorizing Lab
Comment: to Central GeoMaterials Lab
### Aggregate, Fine - Asphalt

**General**

<table>
<thead>
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<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group:</td>
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<td>How Received:</td>
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<td>Project Certification:</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility:</td>
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**Status:** History  
**Version:** 4.01  
**From Date:** 08/06/2001  
**To Date:** 09/23/2006

#### Methods of Acceptance

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<td>Approved List:</td>
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<td>Visual Inspection:</td>
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<td>Field Inspection:</td>
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**Certification:** N/A  
**Type**  
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- M&T 913 Report (Steel)

#### Testing Requirements

<table>
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<th>Test Category</th>
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<td>Quality Control</td>
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<tr>
<td>Quality Assurance</td>
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<td>Producer/Supplier</td>
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**Sample Comment:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Aggregate, Fine - Asphalt (Metric) - Changed QC Testing  
**Comment:** Responsibility to P/S.

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>
Aggregate, Fine - Asphalt

General
Group: Aggregate
How Received: Material Receipt
Metric/English: English
Facility Type: Other
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports:

Certification: N/A

Responsibility
(None)
(None)
(None)
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

Testing Requirements
<table>
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Sample Comment:

Technician Certifications:
<table>
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<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
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</tbody>
</table>

Test Formats
1. Fine Aggregate - Version 6
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. IA Aggregate Program - Version 3
   Owning Lab: Soils Lab
   IA Type: Aggregate Program
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/16/2004
Performed By: rpace
Check In: Changed Fine Aggregate-Asphalt from 1000 to 2000
Comment:
Aggregate, Fine - Asphalt

General
Group: Aggregate
How Received: Material Receipt
Metric/English: English
Facility Type: Other
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Status: History
Version: 3.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Quality Control 2,000.00 Producer/Supplier Producer/Supplier
Quality Assurance 4,000.00 M&T Field M&T Lab

Sample Comment:

Technician Certifications:
Type Certification(s)
Sampling QC/QA Aggregate Sampling Technician

Test Formats
1. Fine Aggregate - Version 6
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. IA Aggregate Program - Version 3
   Owning Lab: Soils Lab
   IA Type: Aggregate Program
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: updated qc aggregate info for fine aggregate
Comment:
Aggregate, Fine - Asphalt

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
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<td>To Date</td>
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<td>Facility Type</td>
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<td>Default Auth Lab</td>
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<td>Project Certification</td>
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Methods of Acceptance

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Testing Requirements

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Sample Comment:

Technician Certifications:

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/13/2017  Performed By: fdward
Check In: Changed MSG Responsibility and Default Authorizing Lab
Comment: to Central GeoMaterials Lab
# Aggregate, Fine - Asphalt

## General
- **Group:** Aggregate
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Other
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Asphalt Lab

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
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<th>Other Reports</th>
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- **Certification:** N/A
- **Responsibility**:
  - Type: (None)
  - (None)
  - (None)

- **M&T 913 Report (Steel)**

## Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>1,000.00</td>
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<td>Producer/Supplier</td>
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<td>M&amp;T Lab</td>
</tr>
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</table>

**Sample Comment:**

## Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

## Test Formats

1. **Fine Aggregate - Version 6**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **IA Aggregate Program - Version 3**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/28/2001  
**Performed By:** v5conv  
**Check In:** V5.0 MSG Updates per RPace.

**Comment:**
**Aggregate, Fine - Asphalt**

### General
- **Group:** Aggregate  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Other  
- **Default Auth Lab:** Asphalt Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Asphalt Lab

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** ☐

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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### Sample Comment:
- **Changed Fine Aggregate-Asphalt from 1000 to 2000**

### Technician Certifications:

<table>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/16/2004  
**Performed By:** rpace  
**Check In:** Changed Fine Aggregate-Asphalt from 1000 to 2000  
**Comment:**
Aggregate, Fine - Chemistry Check

General

Group: Aggregate  Status: Current
How Received: Ticket  Version: 1.00
Metric/English: Metric  From Date: 01/01/1999
Facility Type: Coarse Aggregate  To Date: 12/31/2075
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required

Certification: N/A

Type: (None)
Responsibility: M&T  RE  Both

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  10,000.00  M&T Field  M&T Lab

Sample Comment: 2MS (One 8 oz. sealed tin); 2S (One 10 lb. sealed plastic bag)

Technician Certifications:

Type  Certification(s)
Sampling  QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: v5conv
Check In: V5.0 MSG Updates per RPace.
Comment:
Aggregate, Fine - Chemistry Check

General

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Methods of Acceptance

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Testing Requirements

<table>
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<tr>
<td>Verification</td>
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Sample Comment: 2MS or 2S (One 10 lb. sealed plastic bag)

Technician Certifications

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Test Formats

1. Corrosivity Tests - Version 8

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<th>Owning Lab</th>
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<tbody>
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<table>
<thead>
<tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Aggregate, Fine - Chemistry Check

#### General
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Prepayment Invoice Required

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<td>M&amp;T RE Both</td>
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- **Certification(s):** N/A
- **Owning Lab:** Chemical Lab
- **IA Type:** None

#### Testing Requirements
- **Test Category:** Acceptance
  - **Sample Frequency:** 10,000.00
  - **Sampling Responsibility:** M&T Field
  - **Testing Responsibility:** M&T Lab
- **Sample Comment:** 2MS (One 8 oz. sealed tin); 2S (One 10 lb. sealed plastic bag)

#### Technician Certifications
- **Type:** Sampling
  - **Certification(s):** QC/QA Aggregate Sampling Technician

#### Test Formats
1. **Corrosivity Tests - Version 8**
   - **Owning Lab:** Chemical Lab
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Aggregate, Fine - Chemistry Check (English) - changed  
**Comment:** Sample Responsibility to M&T Field.
### Aggregate, Fine - Chemistry Check

#### General

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**Methods of Acceptance**

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<th>Information</th>
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**Certification**

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<tr>
<td></td>
<td>RE</td>
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<tr>
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<td>Both</td>
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</table>

- **Certification(s):** No certification required.
- **Check In:** QC/QA Aggregate Sampling Technician
- **IA Type:** None
- **Metric/English Code:** Both

#### Testing Requirements

- **Test Category:** Acceptance
- **Sample Frequency:** 10,000.00
- **Sampling Responsibility:** Producer/Supplier
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** 2MS (One 8 oz. sealed tin); 2S (One 10 lb. sealed plastic bag)

#### Test Formats

1. **Corrosivity Tests** - Version 8

   - **Owning Lab:** Chemical Lab
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Aggregate, Fine - Chemistry Check

### General

<table>
<thead>
<tr>
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<tbody>
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<td>Group</td>
<td>Aggregate</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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### Certification

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### Additional Sampling Frequency

- M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
<td>Acceptance</td>
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</table>

### Sample Comment

See appropriate QC/QA manual for sample frequency. 2MS (One 8 oz. sealed tin); 2S (One 10 lb. sealed plastic bag)

### Technician Certifications

- (None)

### Test Formats

1. Corrosivity Tests - Version 8

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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<tbody>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/23/2001  
**Performed By:** twhittington  
**Check In:** Additional sampling freq.
Aggregate, Fine - Chemistry Check

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification:

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M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 10,000.00 M&T Field M&T Lab

Sample Comment: 2MS or 2S (One 10 lb. sealed plastic bag)

Technician Certifications:

Type Certification(s)
Sampling QC/QA Aggregate Sampling Technician

Test Formats

1. Corrosivity Tests - Version 8

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
**Aggregate, Fine - Chemistry Check**

**General**
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Status:** Expired
**Version:** 3.00
**From Date:** 01/01/1999  **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**
- **Acceptance** 10,000.00 M&T Field

**Sample Comment:** 2MS (One 8 oz. sealed tin); 2S (One 10 lb. sealed plastic bag)

**Technician Certifications:**
- **Type** Sampling
- **Certification(s)** QC/QA Aggregate Sampling Technician

**Test Formats**
1. Corrosivity Tests - Version 8
   - **Owning Lab:** Chemical Lab
   - **Metric/English Code:** Both
   - **IA Type:** None

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** fm Moody
**Check In:** Aggregate, Fine - Chemistry Check (English) - changed
**Comment:** Sample Responsibility to M&T Field.
Aggregate, Fine - Concrete

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 04/06/2000   To Date: 04/10/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  

Certification: N/A
Responsibility

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Box: M&T 913 Report (Steel)

Testing Requirements

Sample Comment: See appropriate QC/QA manual for sample frequency.
IA - One 11 lb. sample per 20,000 tons during normal paving operations.

Technician Certifications: (None)

Test Formats

1. Fine Aggregate - Version 6

   | Metric/English Code: Both |
   | Sample/Test Remarks:      |
   | IA Type: None             |
   | Owning Lab: Soils Lab     |

2. Fine Aggregate Test Yearly - Version 8

   | Metric/English Code: Both |
   | Sample/Test Remarks:      |
   | IA Type: None             |
   | Owning Lab: Soils Lab     |

3. IA Aggregate Program - Version 3

   | Metric/English Code: Both |
   | Sample/Test Remarks:      |
   | IA Type: Aggregate Program|
   | Owning Lab: Soils Lab     |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate, Fine - Concrete

General

Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 04/06/2000 To Date: 04/10/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements

Sample Comment: See appropriate QC/QA manual for sample frequency.
IA - One 5 kg. sample per 20,000 metric tons during normal paving operations.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000 Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
# Aggregate, Fine - Concrete

## General

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<tr>
<td>MSG Responsibility</td>
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### Methods of Acceptance

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<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>✔️</td>
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</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- QA Split: 1 per 20,000 Tons for Concrete Pavement taken by M&T Personnel Only
- QC: 1 per 2000 Tons
- Verification: 1 per 10,000 Tons
- Project Samples

**Technician Certifications:**

- Sampling Certification(s): QC/QA Aggregate Sampling Technician

### Test Formats

1. Fine Aggregate - Version 6

   **Owning Lab:** Soils Lab
   **IA Type:** None

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** updated qc aggregate info for fine aggregate  
**Comment:**
## Test Formats

2. Fine Aggregate Test Yearly - Version 8

   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

3. IA Aggregate Program - Version 3

   **Owning Lab:** Soils Lab  
   **IA Type:** Aggregate Program  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

## Aggregate, Fine - Concrete

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Fine Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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### Methods of Acceptance

<table>
<thead>
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<tbody>
<tr>
<td>Pretest</td>
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<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
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<td>Small Quantity</td>
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<td>Certification</td>
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<td>Type</td>
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<td>Responsibility</td>
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</table>

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
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<tr>
<td>IA - Quality Control</td>
<td>1,800.00</td>
</tr>
<tr>
<td>IA - Quality Assurance</td>
<td>3,600.00</td>
</tr>
<tr>
<td>IA - One 5 kg. sample per 20,000 metric tons during normal paving operations.</td>
<td></td>
</tr>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
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<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
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<td>Quality Control</td>
<td>1,800.00</td>
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<td>3,600.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Other Reports

- M&T 913 Report (Steel)

### Note

- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>
Aggregate, Fine - Concrete

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 3.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: IA - One 11 lb. sample per 20,000 tons during normal paving operations.

Technician Certifications:

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<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Fine Aggregate - Version 6
   
   | Owning Lab: Soils Lab |
   | IA Type: None         |

Metric/English Code: Both
Sample/Test Remarks:

2. Fine Aggregate Test Yearly - Version 8
   
   | Owning Lab: Soils Lab |
   | IA Type: None         |

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001
Performed By: v5conv
Check In: V5.0 MSG Updates per RPace.
Comment:
# North Carolina Department of Transportation

## Minimum Sampling Guide

### Test Formats

3. IA Aggregate Program - Version 3

- **Owning Lab:** Soils Lab
- **IA Type:** Aggregate Program
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

### Aggregate, Fine - Concrete

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Aggregate</th>
<th>Status:</th>
<th>History</th>
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<tbody>
<tr>
<td>How Received:</td>
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<td>Version:</td>
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<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
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</tr>
<tr>
<td>Facility Type:</td>
<td>Fine Aggregate</td>
<td>To Date:</td>
<td>06/30/2001</td>
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<tr>
<td>Default Auth Lab:</td>
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<td>Project Certification:</td>
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</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**  

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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<td>Quality Control</td>
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<td>Quality Assurance</td>
<td>900.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One 5 kg. sample per 20,000 metric tons during normal paving operations.

#### Technician Certifications:

<table>
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<tr>
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<tr>
<td>Sampling</td>
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</table>

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 06/28/2001  
**Performed By:** v5conv

**Check In:** V5.0 MSG Updates per RPace.

**Comment:**
**Aggregate, Fine - Concrete**

### General

- **Group:** Aggregate
- **Status:** Expired
- **Version:** 4.01
- **From Date:** 01/01/1999  **To Date:** 12/31/2075
- **How Received:** Ticket
- **Facility Type:** Fine Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

| Pretest | N/A |
| Alt ID Matching | (None) |
| Sample/Test | Required |
| Approved List | N/A |
| Visual Inspection | N/A |
| Catalog Cut | N/A |
| Field Inspection | N/A |
| Small Quantity | [ ] |

### Testing Requirements

#### Test Category

<table>
<thead>
<tr>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Control</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<td>Quality Assurance</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Verification</td>
<td>50,000.00</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- QA: 1 per 4000 Tons
- QC: 1 per 2000 Tons
- Concrete Pavement taken by M&T Personnel Only

**Verification:** 1 per 50000 Tons  **Project Samples for**

### Technician Certifications:

- **Type:** Sampling
- **Certification(s):** QC/QA Aggregate Sampling Technician

### Test Formats

1. Fine Aggregate - Version 6
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  **Performed By:** rpace
**Check In:** NEW 2013 MSG  **Comment:**
Test Formats

2. Fine Aggregate Test Yearly - Version 8
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

3. IA Aggregate Program - Version 3
   
   **Owning Lab:** Soils Lab  
   **IA Type:** Aggregate Program  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 02/14/2013  
Performing By: rpace  
Check In: NEW 2013 MSG  
Comment:*
North Carolina Department of Transportation
Minimum Sampling Guide

Aggregate, Fine - Concrete

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 3.00
From Date: 06/28/2001
To Date: 06/30/2001

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
<td>IA - Non-comparative</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<td>Quality Assurance</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: IA - One 11 lb. sample per 20,000 tons during normal paving operations.

Technician Certifications:

<table>
<thead>
<tr>
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<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Fine Aggregate - Version 6
   
   | Owning Lab: Soils Lab | Metric/English Code: Both |
   | IA Type: None | Sample/Test Remarks: |

2. Fine Aggregate Test Yearly - Version 8
   
   | Owning Lab: Soils Lab | Metric/English Code: Both |
   | IA Type: None | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001
Performed By: v5conv
Check In: V5.0 MSG Updates per RPace.
Comment:
Test Formats

3. IA Aggregate Program - Version 3

  Owning Lab: Soils Lab
  IA Type: Aggregate Program

  Metric/English Code: Both

  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001
Perform By: v5conv
Check In: V5.0 MSG Updates per RPace.
Comment:
## Aggregate, Fine - Concrete

### General

<table>
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<td>Ticket</td>
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<td>Metric/English</td>
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<td>Facility Type</td>
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<td>Project Certification</td>
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### Methods of Acceptance

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<td>Approved List</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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### Testing Requirements

<table>
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<td>M&amp;T Lab</td>
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<td>Quality Assurance</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One 11 lb. sample per 20,000 tons during normal paving operations.

### Technician Certifications

<table>
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<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
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<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Fine Aggregate - Version 6**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** 

2. **Fine Aggregate Test Yearly - Version 8**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** 

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** updated qc aggregate info for fine aggregate  
**Comment:** 

Minimum Sampling Guide

Test Formats

3. IA Aggregate Program - Version 3
   
   **Owning Lab:** Soils Lab  
   **IA Type:** Aggregate Program  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

Aggregate, Fine - Concrete

**General**

- **Group:** Aggregate  
- **Status:** Current  
- **How Received:** Ticket  
- **Version:** 4.00  
- **Metric/English:** Metric  
- **Facility Type:** Fine Aggregate  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Physical Lab  

**Methods of Acceptance**

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:**

**Certification:** N/A

- **Type**  
- **Responsibility**
  - (None)
  - (None)
  - (None)
  - M&T  
  - RE  
  - Both  
  - M&T  
  - RE  
  - Both  
  - M&T  
  - RE  
  - Both

- **M&T 913 Report (Steel)**

**Testing Requirements**

<table>
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<tr>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
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**Sample Comment:** IA - One 5 kg. sample per 20,000 metric tons during normal paving operations.

**Technician Certifications:**

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<td>QC/QA Aggregate Sampling Technician</td>
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</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: rpace  
Check In: updated qc aggregate info for fine aggregate  
Comment:
Aggregate, Fine - Epoxy Overlay

General

Status: Expired
Version: 1.01
From Date: 11/14/2011 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 1,000.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Fine Aggregate Test Yearly - Version 8

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/29/2012
Performed By: rpace
Check In: Corrected Comments
Comment:
# Aggregate, Fine - Epoxy Overlay

## General
- **Status:** Current
- **Version:** 1.02
- **From Date:** 11/14/2011
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Sand must meet the same requirements as specified in proposal.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Test Formats

1. Fine Aggregate Test Yearly - Version 8

   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/14/2011

**Performed By:** rpace

**Check In:** NEW MSG 2013

**Comment:**
### Aggregate, Fine - Epoxy Overlay

#### General
- **Group:** Aggregate
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 11/14/2011
- **To Date:** 12/31/2075

#### Methods of Acceptance

<table>
<thead>
<tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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#### Certification

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<tr>
<td>3: Manufacturer's Certification</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
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<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
<td>RE</td>
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- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
<thead>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>1,000.00</td>
<td>Producer/Supplier</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:
- Technician Certifications: (None)

#### Test Formats

1. Fine Aggregate Test Yearly - Version 8
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/14/2011

**Performed By:** rpace

**Check In:** New Material Type

**Comment:**
Aggregate, Fine - Gradation Check

General
Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 2.00
From Date: 06/28/2001 To Date: 06/30/2001

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Certification: N/A
Type
Responsibility
(None) M&T RE Both
(None) M&T RE Both
(None) M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 500.00 M&T Field M&T Lab

Sample Comment: One 35 lb bag per source if less than 500 tons; two 35 lb bags if more than 500 tons

Technician Certifications:
Type Certification(s)
Sampling QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### General

<table>
<thead>
<tr>
<th>Field</th>
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<td>From Date</td>
<td>01/01/1999</td>
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<tr>
<td>To Date</td>
<td>05/29/2012</td>
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<td>Aggregate</td>
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<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Asphalt Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
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<td>MSG Responsibility</td>
<td>Field Section</td>
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### Methods of Acceptance

<table>
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<tr>
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<tbody>
<tr>
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<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
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<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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### Certification

<table>
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<tr>
<th>Type</th>
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</thead>
<tbody>
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<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
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<td>M&amp;T RE Both</td>
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- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>455.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 16 kg bag per source if less than 455 Metric Tons; two 16 kg bags if more than 455 Metric Tons.

**Type**

- **Certification(s):**
  - Sampling: QC/QA Aggregate Sampling Technician

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Changed Aggregate, Fine - Gradation Check default  
**Comment:** authorizing lab from Physical to Asphalt.
Aggregate, Fine - Gradation Check

General

Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Status: Archive
Version: 4.00
From Date: 05/30/2012
To Date: 05/30/2012

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Certification: N/A
Type
(None)
(None)
(None)

Responsibility
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 500.00 | M&T Field | M&T Lab

Sample Comment: One 35lb bag per source if less than 500 tons; two 35 lb bags if more than 500 tons

Technician Certifications:

Type | Certification(s)
Sampling | QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate, Fine - Gradation Check

General

Group: Aggregate
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Archive
Version: 4.00
From Date: 05/30/2012 To Date: 05/30/2012

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 500.00 | M&T Field | M&T Lab

Sample Comment: One 16 kg bag per source if less than 500 Metric Tons; two 16 kg bags if more than 500 Metric Tons.

Technician Certifications:

Type | Certification(s)
--- | ---
Sampling | QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/29/2012
Performed By: rpace
Check In: expired; [ARCHIVE] Expired - rkp
Comment:
## Aggregate, Fine - Gradation Check

### General

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<th>Value</th>
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<tr>
<td>How Received</td>
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<td>Facility Type</td>
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<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>455.00 M&amp;T Field</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 16 kg bag per source if less than 455 Metric Tons; two 16 kg bags if more than 455 Metric Tons.

**Type**

<table>
<thead>
<tr>
<th>Field</th>
<th>Certification(s)</th>
</tr>
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<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Aggregate, Fine - Gradation Check**

**General**
- **Group:** Aggregate
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)
  - M&T
  - RE
  - Both

**Testing Requirements**
- **Test Category:** Verification
- **Sample Frequency:** 455.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Lab

**Sample Comment:** One 16 kg bag per source if less than 455 Metric Tons; two 16 kg bags if more than 455 Metric Tons.

**Technician Certifications:**
- **Type:** Sampling
- **Certification(s):** QC/QA Aggregate Sampling Technician

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Changed Aggregate, Fine - Gradation Check default

**Comment:** authorizing lab from Physical to Asphalt.
# Aggregate, Fine - Gradation Check

## General
- **Group:** Aggregate
- **Status:** Archive
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 05/29/2012
- **Metric/English:** English
- **Facility Type:** None
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** None
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Prepayment Invoice Required

## Certification
- **Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both

## Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 35lb bag per source if less than 500 tons; two 35 lb bags if more than 500 tons

**Technician Certifications:**
- **Type:** Sampling
- **Certification(s):** QC/QA Aggregate Sampling Technician

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Changed Aggregate, Fine - Gradation Check default  
**Comment:** authorizing lab from Physical to Asphalt.
### Aggregate, Fine - Masonry

#### General

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<th>From Date</th>
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<table>
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<tr>
<td>English</td>
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#### Methods of Acceptance

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<th>Pretest</th>
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<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
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<th>Other Reports</th>
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<td>○</td>
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- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<table>
<thead>
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<th>Sample Comment</th>
<th>Technician Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortar sand shall meet Article 1014-1, except it shall meet the gradation requirements for No. 4S sand shown in Table 1005-2.</td>
<td>(None)</td>
</tr>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
## Aggregate, Fine - Masonry

### General
- **Group:** Aggregate
- **Status:** Expired
- **Version:** 2.00
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Sand must meet the same requirements as sand used in concrete, except the gradation requirement will be different.

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
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<td>M&amp;T RE Both</td>
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- [ ] M&T 913 Report (Steel)

### Testing Requirements

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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. One 10 lb sample per project if not coming from an approved source.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** v5conv

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
## Aggregate, Fine - Masonry

### General
- **Group:** Aggregate
- **Status:** Current
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

### Testing Requirements
- **Acceptance Category:** M & T
- **Sample Frequency:** 5.00 kg
- **Sampling Responsibility:** Producer/Supplier
- **Testing Responsibility:** M & T Lab

### Other Reports
- **Sample Comment:** Sand must meet the same requirements as sand used in concrete, except the gradation requirement will be different.

### Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
North Carolina Department of Transportation
Minimum Sampling Guide

Aggregate, Fine - Screenings

General

Group: Aggregate  Status: Current
How Received: Not Received  Version: 1.00
Metric/English: English  From Date: 11/29/2017  To Date: 12/31/2075
Facility Type: Fine Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Central GeoMaterials Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A  Type: N/A  Responsibility:
Alt ID Matching: (None)  (None)  (None)
Sample/Test: Required  Type: M &T  RE  Both
Approved List: N/A  Certification Type: M &T  RE  Both
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Sample Comment:</td>
<td>QA Split: 1 per 20,000 Tons</td>
<td>QC: 1 per 2000 Tons</td>
<td>Verification: 1 per 10,000 Tons</td>
</tr>
</tbody>
</table>

Technician Certifications:

Type: Sampling  Certification(s): QC/QA Aggregate Sampling Technician

Test Formats

1. Fine Aggregate - Version 6
   
   Ownering Lab: Soils Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

2. Fine Aggregate Test Yearly - Version 8
   
   Ownering Lab: Soils Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate, Fine - Subdrain

General

Status: History
Version: 2.01
From Date: 04/16/2004 To Date: 09/23/2006

Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ❑

Certification: N/A
Responsibility: Both

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. IA - One 10 lb. sample per 5000 yd3.

Technician Certifications: (None)

Test Formats

1. Fine Aggregate Test Yearly - Version 8

   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate, Fine - Subdrain

General
Group: Aggregate
How Received: Not Received
Metric/English: English
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

Certification: N/A
Type
Responsibility
(None)
(Both)
M&T
RE
Both

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Quality Control | 1,000.00 | Project Personnel | M&T Lab
Quality Assurance | 1,000.00 | Project Personnel | M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency.
IA - One 10 lb. sample per 5000 yd3.

Technician Certifications: (None)

Test Formats
1. Fine Aggregate Test Yearly - Version 8
   - Owning Lab: Soils Lab
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Aggregate, Fine - Subdrain (English) - Changed How Received to Not Received and Project Certification to Non-Critical.
Comment: Received to Not Received and Project Certification to Non-Critical.
Aggregate, Fine - Subdrain

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

Sample Comment: Subdrain fine aggregate shall meet No. 2S or 2MS in Table 1005-2.

Technician Certifications: None

Test Formats

1. Fine Aggregate Test Yearly - Version 8

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Aggregate, Fine - Subdrain

### General

- **Group:** Aggregate
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** Fine Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- **Small Quantity:** No
- **Other Reports:**
  - M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** See appropriate QC/QA manual for sample frequency. IA - One 5 kg sample per 3800 m3
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Aggregate, Fine - Subdrain (Metric) - Changed How  
**Comment:** Received to Not Received and Project Certification to Non-Critical
### Aggregate, Fine - Subdrain

**General**

- **Group:** Aggregate
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** Fine Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Status:** History

**Version:** 2.00

**From Date:** 04/06/2000  **To Date:** 04/10/2000

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
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<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
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<tr>
<td>Small Quantity</td>
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</table>

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
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</tr>
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<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

**Testing Requirements**

- **Sample Comment:** See appropriate QC/QA manual for sample frequency.
  IA - One 10 lb. sample per 5000 yd3.

- **Technician Certifications:** (None)

**Test Formats**

1. Fine Aggregate Test Yearly - Version 8

- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  **Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
Aggregate, Fine - Subdrain

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Aggregate</th>
<th>Status:</th>
<th>History</th>
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<tbody>
<tr>
<td>How Received:</td>
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<td>Version:</td>
<td>2.01</td>
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<tr>
<td>Metric/English:</td>
<td>Metric</td>
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<td>04/16/2004</td>
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<tr>
<td>Facility Type:</td>
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<td>To Date:</td>
<td>09/23/2006</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:       | N/A                                |
| Alt ID Matching: | (None)                             |
| Sample/Test:   | Required                           |
| Approved List: | N/A                                |
| Visual Inspection: | N/A                              |
| Catalog Cut:   | N/A                                |
| Field Inspection: | N/A                              |
| Small Quantity: | No                                 |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. IA - One 5 kg sample per 3800 m3

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Aggregate, Fine - Subdrain

<table>
<thead>
<tr>
<th>General</th>
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<tbody>
<tr>
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<tr>
<td>How Received:</td>
<td>Pay Record</td>
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<td>Metric/English:</td>
<td>Metric</td>
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<tr>
<td>Facility Type:</td>
<td>Fine Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
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<table>
<thead>
<tr>
<th>Methods of Acceptance</th>
<th>Certification: N/A</th>
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<tbody>
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<td>Pretest:</td>
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<tr>
<td>Sample/Test:</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Visual Inspection:</td>
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<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
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</tr>
<tr>
<td>Small Quantity:</td>
<td>No</td>
</tr>
<tr>
<td>Other Reports:</td>
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</table>

<table>
<thead>
<tr>
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<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>See appropriate QC/QA manual for sample frequency.</td>
</tr>
<tr>
<td></td>
<td>IA - One 5 kg sample per 3800 m3</td>
</tr>
<tr>
<td>Technician Certifications:</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Iidean
Check In: Changed default authorizing lab from Physical to Chemical.
Comment: Changed default authorizing lab from Physical to Chemical.
AMRL/CCRL Proficiency Samples

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Status:</td>
<td>Current</td>
</tr>
<tr>
<td>Version:</td>
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</tr>
<tr>
<td>From Date:</td>
<td>04/18/2016</td>
</tr>
<tr>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Group:</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received:</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
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</tr>
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<td>Default Auth Lab:</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
</tr>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest:</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching:</td>
<td>(None)</td>
</tr>
<tr>
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</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Certification:** N/A

<table>
<thead>
<tr>
<th>Certification</th>
<th>N/A</th>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>(None)</td>
<td></td>
<td></td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td></td>
<td></td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
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<td></td>
<td>Both</td>
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</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Informational</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Material Type used by the Lab only to enter AMRL or CCRL proficiency Samples in HiCAMS.

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/18/2016  
Performed By: fdward  
Check In: Added per B. Hunter  
Comment:
### Asphalt Bases & Pavements

#### General
- **Group**: Asphalt
- **Status**: Expired
- **How Received**: Ticket
- **Version**: 3.06
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075
- **Metric/English**: English

#### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Optional
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: N/A
- **Other Reports**: Reports as required by NC DOT “HMA/QMS Manual” Samples are required per HMA/QMS Manual

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>750.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>15,000.00</td>
<td>Producer/Supplier</td>
<td>QA Labs</td>
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<tr>
<td>Verification</td>
<td>3,750.00</td>
<td>QA Labs</td>
<td>QA Labs</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- QC - 1 per 750 Tons
- QA - 1 per 15,000 Tons
- Verification - 1 per 3750 Tons
- Density: 1 per 2000
- LF

**IA Samples:** See appropriate IA Assessment Program

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/18/2013
**Performed By:** twittington
**Check In:** Update Testing Certs. TWW
**Comment:**
## Test Formats

1. **Asphalt Control Strip Density - Version 2**  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  

2. **Asphalt Core Test Report - Version 10**  
   - **Owning Lab:** Asphalt Lab  
   - **IA Type:** Asphalt Cores  
   - **Metric/English Code:** Both  

3. **Asphalt Mix Test - Version 18**  
   - **Owning Lab:** Asphalt Lab  
   - **IA Type:** Asphalt Extraction  
   - **Metric/English Code:** Both  

4. **Rutting Depth Test - Version 5**  
   - **Owning Lab:** Asphalt Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  

5. **Test Section Density Test, Asphalt - Version 1**  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/18/2013  
Performed By: twhiltington  
Check In: Update Testing Certs. TWW  
Comment:
## Asphalt Bases & Pavements

### General

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<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Asphalt Plants</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Asphalt Lab</td>
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</tr>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Asphalt Lab</td>
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</tr>
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</table>

### Methods of Acceptance

| Pretest          | N/A                      |
| Alt ID Matching  | (None)                   |
| Sample/Test      | Optional                 |
| Approved List    | N/A                      |
| Visual Inspection| N/A                      |
| Catalog Cut      | N/A                      |
| Field Inspection | N/A                      |
| Small Quantity   |                         |
| Other Reports    | Reports as required by NC DOT “HMA/QMS Manual” Samples are required per HMA/QMS Manual |

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Density</td>
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<td>Contractor</td>
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<tr>
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<td>999.999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999.999.00</td>
<td>Contractor</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
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<td>Contractor</td>
<td>QA Labs</td>
</tr>
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**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual; See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

### Technician Certifications:

- **Density Asphalt Cores QA Lab**: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician
- **Density Asphalt Cores QA Roadway**: QMS Roadway Technician
- **Density Asphalt Cores QC Plant**: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician
- **Density Asphalt Cores QC Roadway**: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician
- **Density Asphalt Nuclear QA**: QMS Density Gauge Technician
- **Density Asphalt Nuclear QC Plant**: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician
- **Density Asphalt Nuclear QC Roadway**: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace  
**Check In:** Changed sample/test from required to optional

**Comment:**
Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009
Performed By: rpace
Check In: Changed sample/test from required to optional
Comment:

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<th>Certification(s)</th>
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<th>Sample/Test Remarks</th>
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<td>English</td>
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<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
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<tr>
<td>Sampling</td>
<td>QMS Level I Plant Technician</td>
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<td></td>
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</table>

Test Formats

1. Asphalt Control Strip Density - Version 2
   
   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** English

2. Asphalt Core Test Report - Version 10
   
   **Owning Lab:** Asphalt Lab
   
   **IA Type:** Asphalt Cores
   
   **Metric/English Code:** Both

3. Asphalt Mix Test - Version 18
   
   **Owning Lab:** Asphalt Lab
   
   **IA Type:** Asphalt Extraction
   
   **Metric/English Code:** Both

4. Rutting Depth Test - Version 5
   
   **Owning Lab:** Asphalt Lab
   
   **IA Type:** None
   
   **Metric/English Code:** Both

5. Test Section Density Test, Asphalt - Version 1
   
   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** English

Test Formats

1. Asphalt Control Strip Density - Version 2
   
   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** English
   
   **Sample/Test Remarks:**

2. Asphalt Core Test Report - Version 10
   
   **Owning Lab:** Asphalt Lab
   
   **IA Type:** Asphalt Cores
   
   **Metric/English Code:** Both
   
   **Sample/Test Remarks:**

3. Asphalt Mix Test - Version 18
   
   **Owning Lab:** Asphalt Lab
   
   **IA Type:** Asphalt Extraction
   
   **Metric/English Code:** Both
   
   **Sample/Test Remarks:**

4. Rutting Depth Test - Version 5
   
   **Owning Lab:** Asphalt Lab
   
   **IA Type:** None
   
   **Metric/English Code:** Both
   
   **Sample/Test Remarks:**

5. Test Section Density Test, Asphalt - Version 1
   
   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** English
   
   **Sample/Test Remarks:**
### Asphalt Bases & Pavements

#### General
- **Group:** Asphalt
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

#### Inspection Type(s): Density Other Conventional & Nuclear

#### Small Quantity: [ ]

**Other Reports:** Reports as required by NC DOT "HMA/QMS Manual"

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
<td>Density</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Contractor</td>
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<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
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<td>Quality Control</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>QA Labs</td>
</tr>
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**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"; See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

#### Technician Certifications:

- **Density Asphalt Cores QA Lab:**
  - QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician

- **Density Asphalt Cores QA Roadway:**
  - QMS Roadway Technician

- **Density Asphalt Cores QC Plant:**
  - QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician

- **Density Asphalt Cores QC Roadway:**
  - QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician

- **Density Asphalt Nuclear QA:**
  - QMS Density Gauge Technician

- **Density Asphalt Nuclear QC Plant:**
  - QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician

- **Density Asphalt Nuclear QC Roadway:**
  - QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006
**Performed By:** conv61
**Check In:** v6.1 conv - The information from Field Density - Asphalt
**Comment:** Bases & Pavements has been merged with this record.
### Type Certification(s)
- Density Other Conventional: Conventional Density Technician
- Density Other Nuclear: ABC Nuclear Density Technician
- Sampling: QMS Level I Plant Technician

### Test Formats

<table>
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<tr>
<th>Test Description</th>
<th>Owning Lab</th>
<th>IA Type</th>
<th>Metric/English Code</th>
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<tbody>
<tr>
<td>1. Asphalt Control Strip Density - Version 2</td>
<td>Soils Lab</td>
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<td>Metric</td>
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</tr>
<tr>
<td>2. Asphalt Core Test Report - Version 6</td>
<td>Asphalt Lab</td>
<td>Asphalt Cores</td>
<td>Metric</td>
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</tr>
<tr>
<td>3. Asphalt Mix Test - Version 18</td>
<td>Asphalt Lab</td>
<td>Asphalt Extraction</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>4. Rutting Depth Test - Version 5</td>
<td>Asphalt Lab</td>
<td>None</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>5. Test Section Density Test, Asphalt - Version 1</td>
<td>Soils Lab</td>
<td>None</td>
<td>Metric</td>
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</tr>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006  
**Performed By:** conv61

**Check In:** v6.1 conv - The information from Field Density - Asphalt  
**Comment:** Bases & Pavements has been merged with this record.
Asphalt Bases & Pavements

General

Group: Asphalt
How Received: Ticket
Metric/English: English
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Status: Current
Version: 3.07
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Reports as required by NC DOT “HMA/QMS Manual” Samples are required per HMA/QMS Manual

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Control</td>
<td>750.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>15,000.00</td>
<td>Producer/Supplier</td>
<td>QA Labs</td>
</tr>
<tr>
<td>Verification</td>
<td>3,750.00</td>
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<td>QA Labs</td>
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</tbody>
</table>

Sample Comment: QC - 1 per 750 Tons QA - 1 per 15000 Tons Verification - 1 per 3750 Tons Density: 1 per 2000
LF IA Samples: See appropriate IA Assessment Program

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician OR QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/12/2018
Performed By: Edward
Check In: Added QMS Density Gauge certification as an option on a Control Strip Density Asphalt Cores QA test. For all other
## North Carolina Department of Transportation
### Minimum Sampling Guide

<table>
<thead>
<tr>
<th>Type</th>
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<tr>
<td>Density Other Nuclear Sampling</td>
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<tr>
<td></td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician</td>
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</tbody>
</table>

### Test Formats

1. **Asphalt Control Strip Density - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Asphalt Core Test Report - Version 10**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Cores
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Asphalt Mix Test - Version 18**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Extraction
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

4. **Rutting Depth Test - Version 5**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

5. **Test Section Density Test, Asphalt - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/12/2018  
**Performed By:** fward  
**Check In:** Added QMS Density Gauge certification as an option on a Control Strip Density Asphalt Cores QA test. For all other certifications, a Nuclear Density Technician certification is required.
North Carolina Department of Transportation
Minimum Sampling Guide

Asphalt Bases & Pavements

General

Group: Asphalt
How Received: Ticket
Metric/English: English
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Status: Expired
Version: 3.04
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Responsibility
Type
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

Other Reports: Reports as required by NC DOT "HMA/QMS Manual" Samples are required per HMA/QMS Manual

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>15,000.00</td>
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<td>Verification</td>
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Sample Comment: QC - 1 per 750 Tons QA - 1 per 15000 Tons Verification - 1 per 3750 Tons Density: 1 per 2000
LF IA Samples: See appropriate IA Assessment Program

Technician Certifications:

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<th>Type</th>
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<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
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<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
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<tr>
<td>Density Asphalt Cores QC Roadway</td>
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</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
### Test Formats

1. **Asphalt Control Strip Density - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Asphalt Core Test Report - Version 10**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Cores
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Asphalt Mix Test - Version 18**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Extraction
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

4. **Rutting Depth Test - Version 5**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

5. **Test Section Density Test, Asphalt - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
# Asphalt Bases & Pavements

## General
- **Group:** Asphalt
- **Status:** History
- **Version:** 2.00
- **From Date:** 12/11/1999
- **To Date:** 01/03/2000
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab

## Methods of Acceptance

<table>
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<tr>
<th>Pretest</th>
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<tr>
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<tr>
<td>Sample/Test</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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**Certification:** N/A

<table>
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<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Check In Comment:** Changed 3000 tons to 9999999’s to agree with Metric ver.

## Testing Requirements

- **Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual
- **Technician Certifications:** (None)

## Test Formats

1. **Asphalt Control Strip Density - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Asphalt Core Test Report - Version 10**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Cores
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Asphalt Mix Test - Version 18**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Extraction
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 12/11/1999  
**Performed By:** v4conv
**Check In** Changed 3000 tons to 9999999's to agree with Metric ver.
Test Formats

4. Rutting Depth Test - Version 5
   
   **Owning Lab:** Asphalt Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

5. Test Section Density Test, Asphalt - Version 1
   
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/11/1999
Performed By: v4conv
Check In: Changed 3000 tons to 9999999's to agree with Metric ver.
Comment:
Asphalt Bases & Pavements

General

Group: Asphalt
How Received: Ticket
Metric/English: English
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Status: History
Version: 2.01
From Date: 01/27/2006 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Reports as required by NC DOT "HMA/QMS Manual"

Certification: N/A
Responsibility
Type
(None)
(Both)
M&T
RE
Both

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
IA - Comparative 999,999.00 Contractor M&T Lab
Quality Control 999,999.00 Contractor Producer/Supplier
Quality Assurance 999,999.00 Contractor QA Labs

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications:

Type Certification(s)
Sampling QMS Level I Plant Technician

Test Formats

1. Asphalt Control Strip Density - Version 2
   
   Owning Lab: Soils Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

   Action Date: 11/15/2006
   Performed By: conv
   Check In: changes ias info for asphalt
   Comment:

2. Asphalt Core Test Report - Version 10
   
   Owning Lab: Asphalt Lab
   IA Type: Asphalt Cores

   Metric/English Code: Both
   Sample/Test Remarks:

   Action Date: 11/15/2006
   Performed By: conv
   Check In: changes ias info for asphalt
   Comment:
## Test Formats

3. Asphalt Mix Test - Version 18
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Extraction
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

4. Rutting Depth Test - Version 5
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

5. Test Section Density Test, Asphalt - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** changes ias info for asphalt  
**Comment:**
### Asphalt Bases & Pavements

#### General
- **Group:** Asphalt
- **Status:** Expired
- **How Received:** Ticket
- **Version:** 3.05
- **Metric/English:** English
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Reports as required by NC DOT "HMA/QMS Manual" Samples are required per HMA/QMS Manual

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>750.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>15,000.00</td>
<td>Producer/Supplier</td>
<td>QA Labs</td>
</tr>
<tr>
<td>Verification</td>
<td>3,750.00</td>
<td>QA Labs</td>
<td>QA Labs</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- QC - 1 per 750 Tons
- QA - 1 per 15000 Tons
- Verification - 1 per 3750 Tons
- Density: 1 per 2000

**IA Samples:** See appropriate IA Assessment Program

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/01/2013

**Performed By:** rpace

**Check In:** New MSG 2013

**Comment:**
Test Formats

1. Asphalt Control Strip Density - Version 2
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Asphalt Core Test Report - Version 10
   - Owning Lab: Asphalt Lab
   - IA Type: Asphalt Cores
   - Metric/English Code: Both
   - Sample/Test Remarks:

3. Asphalt Mix Test - Version 18
   - Owning Lab: Asphalt Lab
   - IA Type: Asphalt Extraction
   - Metric/English Code: Both
   - Sample/Test Remarks:

4. Rutting Depth Test - Version 5
   - Owning Lab: Asphalt Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

5. Test Section Density Test, Asphalt - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/01/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
## Asphalt Bases & Pavements

### General
- **Group:** Asphalt
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required  
  **Inspection Type(s):** Density Other Conventional & Nuclear
- **Small Quantity:**
- **Other Reports:** Reports as required by NC DOT “HMA/QMS Manual”

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Contractor</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>QA Labs</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual; See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
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<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006  
**Performed By:** conv61  
**Check In:** v6.1 conv - The information from Field Density - Asphalt  
**Comment:** Bases & Pavements has been merged with this record.
## Test Formats

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sampling</td>
<td>QMS Level I Plant Technician</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 1. Asphalt Control Strip Density - Version 2
- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

### 2. Asphalt Core Test Report - Version 10
- **Owning Lab:** Asphalt Lab
- **IA Type:** Asphalt Cores
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

### 3. Asphalt Mix Test - Version 18
- **Owning Lab:** Asphalt Lab
- **IA Type:** Asphalt Extraction
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

### 4. Rutting Depth Test - Version 5
- **Owning Lab:** Asphalt Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

### 5. Test Section Density Test, Asphalt - Version 1
- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt Bases & Pavements

General
Group: Asphalt  Status: Expired
How Received: Ticket  Version: 3.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance
Pretest: N/A  Certification: N/A  Responsibility
Alt ID Matching: (None)  Type
Sample/Test: Required  (None)
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
IA - Comparative  999,999.00  Contractor  M&T Lab
Quality Control  999,999.00  Contractor  Producer/Supplier
Quality Assurance  999,999.00  Contractor  QA Labs

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications:
Type  Certification(s)
Sampling  QMS Level I Plant Technician

Test Formats
1. Asphalt Control Strip Density - Version 2
   Owning Lab: Soils Lab  Metric/English Code: English
   IA Type: None  Sample/Test Remarks:

2. Asphalt Core Test Report - Version 10
   Owning Lab: Asphalt Lab  Metric/English Code: Both
   IA Type: Asphalt Cores  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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<tbody>
<tr>
<td>3. Asphalt Mix Test - Version 18</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Asphalt Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> Asphalt Extraction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Rutting Depth Test - Version 5</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Asphalt Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Test Section Density Test, Asphalt - Version 1</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** changes ias info for asphalt  
**Comment:**
Asphalt Bases & Pavements

General

- **Group:** Asphalt
- **Status:** Expired
- **How Received:** Ticket
- **Version:** 3.02
- **Metric/English:** Metric
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Reports as required by NC DOT "HMA/QMS Manual"

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Contractor</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>QA Labs</td>
</tr>
</tbody>
</table>

- **Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual";

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/12/2006
Performed By: rpace
Check In: Deleted FIR requirement
Comment: Deleted FIR requirement
### Type Certification(s)

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>QMS Level I Plant Technician</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Asphalt Control Strip Density - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Asphalt Core Test Report - Version 6**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Cores
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Asphalt Mix Test - Version 18**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Extraction
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

4. **Rutting Depth Test - Version 5**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

5. **Test Section Density Test, Asphalt - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/12/2006  
**Performed By:** rpace  
**Check In:**  
**Comment:** Deleted FIR requirement
North Carolina Department of Transportation
Minimum Sampling Guide

Asphalt Bases & Pavements

General
Group: Asphalt  Status: History
How Received: Ticket  Version: 2.00
Metric/English: Metric  From Date: 12/11/1999  To Date: 01/03/2000
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance
Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Reports as required by NC DOT ”HMA/QMS Manual”

Testing Requirements
Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT ”HMA/QMS Manual”

Technician Certifications: (None)

Test Formats
1. Asphalt Control Strip Density - Version 2
   Ownning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Asphalt Core Test Report - Version 6
   Ownning Lab: Asphalt Lab
   IA Type: Asphalt Cores
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Asphalt Mix Test - Version 18
   Ownning Lab: Asphalt Lab
   IA Type: Asphalt Extraction
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/11/1999  Performed By: v4conv
Check In  Changed 3000 tons to 9999999's to agree with Metric ver.
Comment:
Test Formats

4. Rutting Depth Test - Version 5
   **Owning Lab:** Asphalt Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

5. Test Section Density Test, Asphalt - Version 1
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/11/1999
Performed By: v4conv
Check In
Comment: Changed 3000 tons to 9999999's to agree with Metric ver.
**Asphalt Bases & Pavements**

**General**
- **Group:** Asphalt
- **Status:** Current
- **Version:** 3.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Reports as required by NC DOT “HMA/QMS Manual” Samples are required per HMA/QMS Manual

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Contractor</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>QA Labs</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT “HMA/QMS Manual”; See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS roadway Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS roadway Technician</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace  
**Check In:** Changed sample/test from required to optional  
**Comment:**
Test Formats

1. Asphalt Control Strip Density - Version 2
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

2. Asphalt Core Test Report - Version 6
   
   **Owning Lab:** Asphalt Lab  
   **IA Type:** Asphalt Cores  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

3. Asphalt Mix Test - Version 18
   
   **Owning Lab:** Asphalt Lab  
   **IA Type:** Asphalt Extraction  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

4. Rutting Depth Test - Version 5
   
   **Owning Lab:** Asphalt Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

5. Test Section Density Test, Asphalt - Version 1
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace  
**Check In:** Changed sample/test from required to optional  
**Comment:**
Asphalt Bases & Pavements

General
- Group: Asphalt
- Status: History
- Version: 1.00
- From Date: 05/16/1997
- To Date: 12/11/1999
- How Received: Ticket
- Metric/English: English
- Facility Type: Asphalt Plants
- Default Auth Lab: Asphalt Lab
- Project Certification: Critical
- MSG Responsibility: Asphalt Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: If less than 100 tons on project
- Other Reports: Reports as required by NC DOT "HMA/QMS Manual"; Pay Adj Required

Certification: N/A
- Type
- Responsibility
  - (None)
  - (None)
  - (None) M&T RE Both
  - M&T RE Both
  - M&T RE Both

Testing Requirements
- Sample Comment: See Latest Copy of NC DOT HMA/QMS Manual
- Technician Certifications: (None)

Test Formats
1. Asphalt Control Strip Density - Version 2
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Asphalt Core Test Report - Version 10
   - Owning Lab: Asphalt Lab
   - IA Type: Asphalt Cores
   - Metric/English Code: Both
   - Sample/Test Remarks:

3. Asphalt Mix Test - Version 18
   - Owning Lab: Asphalt Lab
   - IA Type: Asphalt Extraction
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
<table>
<thead>
<tr>
<th>Test Formats</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Rutting Depth Test - Version 5</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Asphalt Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Test Section Density Test, Asphalt - Version 1</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
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</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
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</tr>
</tbody>
</table>

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 05/16/1997  Performed By: twhittington*

*Check In: Archive data come from Minimum Sampling Guide on v3.0  Comment: Production db*
North Carolina Department of Transportation  
Minimum Sampling Guide

Asphalt Bases & Pavements

<table>
<thead>
<tr>
<th>General</th>
<th>Status: History</th>
<th>Version: 1.00</th>
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</thead>
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<tr>
<td>Group:</td>
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<tr>
<td>How Received:</td>
<td>Ticket</td>
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<tr>
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<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
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<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Asphalt Lab</td>
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</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | If less than 100 tons on project |

Testing Requirements

| Sample Comment: | See Latest Copy of NC DOT "HMA/QMS Manual" |
| Technician Certifications: | (None) |

Test Formats

1. Asphalt Control Strip Density - Version 2
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Asphalt Core Test Report - Version 6
   - Owning Lab: Asphalt Lab
   - IA Type: Asphalt Cores
   - Metric/English Code: Metric
   - Sample/Test Remarks:

3. Asphalt Mix Test - Version 18
   - Owning Lab: Asphalt Lab
   - IA Type: Asphalt Extraction
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997  
Performed By: twiltington  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
Test Formats

4. Rutting Depth Test - Version 5
   - Owning Lab: Asphalt Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

5. Test Section Density Test, Asphalt - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twhillington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Asphalt Bases & Pavements

General
Group: Asphalt
Status: Expired
How Received: Ticket
Version: 3.00
Metric/English: Metric
From Date: 01/01/1999
Facility Type: Asphalt Plants
To Date: 12/31/2075
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Reports as required by NC DOT "HMA/QMS Manual"

Certification(s) Type
Responsibility
(None)
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
IA - Comparative 999,999.00 Contractor M&T Lab
Quality Control 999,999.00 Contractor Producer/Supplier QA Labs
Quality Assurance 999,999.00 Contractor

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

Technician Certifications:

Type Certification(s)
Sampling QMS Level I, Plant Technician

Test Formats
1. Asphalt Control Strip Density - Version 2
   
   | Owning Lab: Soils Lab |
   | IA Type: None |
   | Metric/English Code: Metric |
   | Sample/Test Remarks: |

2. Asphalt Core Test Report - Version 6
   
   | Owning Lab: Asphalt Lab |
   | IA Type: Asphalt Cores |
   | Metric/English Code: Metric |
   | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

3. Asphalt Mix Test - Version 18
   
   **Owning Lab:** Asphalt Lab
   **IA Type:** Asphalt Extraction
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

4. Rutting Depth Test - Version 5

   **Owning Lab:** Asphalt Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

5. Test Section Density Test, Asphalt - Version 1

   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: changes ias for asphalt.
Comment:
Asphalt Bases & Pavements

General

Group: Asphalt

How Received: Ticket

Metric/English: Metric

Facility Type: Asphalt Plants

Default Auth Lab: Asphalt Lab

Project Certification: Critical

MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Required

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: 

Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Certification: N/A

Responsibility

Type

M&T

RE

Both

(None)

(None)

(Both)

M&T

RE

Both

M&T

RE

Both

M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility

IA - Comparative 999,999.00 Contractor M&T Lab

Quality Control 999,999.00 Contractor Producer/Supplier

Quality Assurance 999,999.00 Contractor QA Labs

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT “HMA/QMS Manual”

Technician Certifications:

Type Certification(s)

Sampling QMS Level I Plant Technician

Test Formats

1. Asphalt Control Strip Density - Version 2

   Owning Lab: Soils Lab

   IA Type: None

   Metric/English Code: Metric

   Sample/Test Remarks:

2. Asphalt Core Test Report - Version 6

   Owning Lab: Asphalt Lab

   IA Type: Asphalt Cores

   Metric/English Code: Metric

   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In changes ias for asphalt.

Comment:
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Ownership</th>
<th>IA Type</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Asphalt Mix Test - Version 18</td>
<td>Asphalt Lab</td>
<td>Asphalt Extraction</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>4. Rutting Depth Test - Version 5</td>
<td>Asphalt Lab</td>
<td>None</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>5. Test Section Density Test, Asphalt - Version 1</td>
<td>Soils Lab</td>
<td>None</td>
<td>Metric</td>
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</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** changes ias for asphalt.

**Comment:**
### Asphalt Bases & Pavements

#### General
- **Group:** Asphalt
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab
- **Status:** Expired
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Reports as required by NC DOT “HMA/QMS Manual”

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Density</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Contractor</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Quality Control</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>QA Labs</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual; See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/12/2006
**Performed By:** rpace
**Check In:** Deleted the FIR requirement
**Comment:**
### Type Certification(s)

- Density Other Conventional: Conventional Density Technician
- Density Other Nuclear: ABC Nuclear Density Technician
- Sampling: QMS Level I Plant Technician

### Test Formats

1. **Asphalt Control Strip Density - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Asphalt Core Test Report - Version 10**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Cores
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Asphalt Mix Test - Version 18**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** Asphalt Extraction
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

4. **Rutting Depth Test - Version 5**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

5. **Test Section Density Test, Asphalt - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/12/2006  
**Performed By:** rpace  
**Check In:** Deleted the FIR requirement  
**Comment:**
Asphalt Binder

General

Group: Asphalt
How Received: Not Received
Metric/English: Metric
Facility Type: Asphalt Terminal
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 3.01
From Date: 07/13/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Other Cert. Req'd = Tranporter's Certification

Certification:
Required
Type
6: Supplier's Certification
Other
(Non)
Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
IA - Non-comparative | 100,000,000.00 | M&T Lab | M&T Lab
Verification | 18,156.00 | M&T Lab | M&T Lab

Sample Comment:
See appropriate QC/QA manual for sample frequency. 1 per company per 18,156 metric tons with 1 liter metal can.  (IAS: 1 per plant per month with two 100 milliliter metal tin.
IA non-omp - One sample per 5000 m. tons on fraction.

Technician Certifications: (None)

Test Formats

1. Performance Graded Binder - Version 17

Owning Lab: Asphalt Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006 Performed By: conv
Check In: Asphalt Binder (Metric) - added Test Category - IA Non
Comment: Comparative
**Asphalt Binder**

**General**
- **Group:** Asphalt
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** Asphalt Terminal
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

**Status:** Expired
**Version:** 3.00
**From Date:** 01/01/1999  **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Other Cert. Req'd = Transporter's Certification

**Certification:** Required
- **Type:**
  - 6: Supplier's Certification
  - Other (None)

**Responsibility**
- M&T
- RE
- Both

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. 1 per company per 20000 tons with 1 quart metal tin. (IAS: 1 per plant per month with two 3 oz. metal tin.) IA - One sample per 5,000 tons on fraction.

**Technician Certifications:** (None)

**Test Formats**

1. Performance Graded Binder - Version 17

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Asphalt Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IA Type:</strong></td>
<td>None</td>
</tr>
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<table>
<thead>
<tr>
<th>Metric/English Code:</th>
<th>Both</th>
</tr>
</thead>
</table>

**Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** rpace

**Check In:** Changed Asphalt Binder Verification Frequency from 10,000 to 20,000 tons. - rkp
Asphalt Binder

General

Group: Asphalt
How Received: Material Receipt
Metric/English: English
Facility Type: Asphalt Terminal
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Other Cert. Req'd = Transporter's Bill of Lading

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Quality Control 500,000.00 Producer/Supplier Producer/Supplier
Verification 20,000.00 M&T Lab M&T Lab

Sample Comment: QC: 1 sample per batch. QA: 1 sample per 20,000

Technician Certifications:

Type Certification(s)
Sampling Sampling Bituminous Materials (Asphalt Binder)

Test Formats

1. Performance Graded Binder - Version 17

Owning Lab: Asphalt Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt Binder

General
Group: Asphalt
How Received: Not Received
Metric/English: English
Facility Type: Asphalt Terminal
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 2.01
From Date: 07/13/2004
To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Other Cert. Req'd = Transporter's Certification

Certification: Required
Type: 6: Supplier's Certification
Responsibility:
- M&T
- RE
- Both

Other Reports:
- M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. 1 per company per 20000 tons with 1 quart metal tin. (IAS: 1 per plant per month with two 3 oz. metal tin.) IA - One sample per 5,000 tons on fraction.

Technician Certifications: (None)

Test Formats
1. Performance Graded Binder - Version 17
   - Owning Lab: Asphalt Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Changed Asphalt Binder Verification Frequency from 10,000 to 20,000 tons. - rkp
## Asphalt Binder

### General
- **Group:** Asphalt  
- **Status:** History  
- **Version:** 2.00  
- **From Date:** 04/06/2000  
- **To Date:** 04/10/2000  
- **How Received:** Not Received  
- **Metric/English:** English  
- **Facility Type:** Asphalt Terminal  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Chemical Lab  

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** Required  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Other Cert. Req'd = Transporter's Certification  

### Certification
- **Type:** Required  
- **6:** Supplier's Certification  
- **Other:**  
  - (None)  
  - M&T 913 Report (Steel)  

### Testing Requirements
- **Sample Comment:** See appropriate QC/QA manual for sample frequency. 1 per company per 10000 tons with 1 quart metal tin. (IAS: 1 per plant per month with two 3 oz. metal tin.) IA - One sample per 5,000 tons on fraction.  

### Technician Certifications
- (None)

### Test Formats
1. **Performance Graded Binder - Version 17**  
   - **Owning Lab:** Asphalt Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**  

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
Asphalt Binder

General
- Group: Asphalt
- Status: Current
- From Date: 01/01/1999
- To Date: 12/31/2075
- Version: 4.00

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Other Cert. Req’d = Tranporter’s Certification

Certification:
- Required Type
  - 6: Supplier’s Certification
  - Other
    - (None)
- Responsibility
  - M&T
  - RE
  - Both

Testing Requirements
- Test Category: IA - Non-comparative
- Sample Frequency: 100,000,000.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Lab
- Verification: 18,156.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Lab

Sample Comment:
- See appropriate QC/QA manual for sample frequency. 1 per company per 18,156 metric tons with 1 liter metal can.  (IAS: 1 per plant per month with two 100 milliliter metal tin. IA non-omp - One sample per 5000 m. tons on fraction.

Technician Certifications:
- (None)

Test Formats
1. Performance Graded Binder - Version 17

Owning Lab: Asphalt Lab

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Asphalt Binder

**General**
- **Group:** Asphalt
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** Asphalt Terminal
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

**Status:** History
**Version:** 3.00
**From Date:** 07/13/2004
**To Date:** 07/13/2004

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Other Cert. Req'd = Tranporter's Certification

**Certification:** Required
**Responsibility**

<table>
<thead>
<tr>
<th>Type</th>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other (None)</td>
<td>☑</td>
<td></td>
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</tbody>
</table>

- ☑ M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>18,156.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. 1 per company per 18,156 metric tons with 1 liter metal can. (IAS: 1 per plant per month with two 100 milliliter metal tin. IA non-omp - One sample per 5000 m. tons on fraction.

**Technician Certifications:** (None)

**Test Formats**

1. Performance Graded Binder - Version 17

   **Owning Lab:** Asphalt Lab
   **IA Type:** None

   **Metric/English Code:** Both

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/13/2004
**Performed By:** rpace
**Check In:** Changed Asphalt Binder Verification Frequency from 9078 to 18,156 metric tons.
**Comment:** rkp
## Asphalt Binder

### General
- **Group:** Asphalt
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** Asphalt Terminal
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

### Status
- **Version:** 2.00
- **From Date:** 04/06/2000
- **To Date:** 04/10/2000

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Other Cert. Req'd = Tranporter's Certification

### Certification
- **Type:** Balanced
- **M &T 913 Report (Steel):**

### Testing Requirements
- **Sample Comment:** See appropriate QC/QA manual for sample frequency. 1 per company per 9078 metric tons with 1 liter metal can. (IAS: 1 per plant per month with two 100 milliliter metal tin. IA non-omp - One sample per 5000 m. tons on fraction.

### Technician Certifications
- (None)

### Test Formats
1. Performance Graded Binder - Version 17

   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
### Asphalt Binder

#### General
- **Group:** Asphalt
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Asphalt Terminal
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

#### Status:
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Status:** Expired
- **Certification:** Required

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Other Cert. Req'd = Transporter's Bill of Lading

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>500,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** QC: 1 sample per batch. QA: 1 sample per 20,000

#### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Sampling Bituminous Materials (Asphalt Binder)

#### Test Formats
1. **Performance Graded Binder - Version 17**

   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Asphalt Binder, Special

#### General

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<td>Facility Type</td>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Asphalt Lab</td>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Other Cert. Req'd = Transporter's Bill of Lading</td>
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</table>

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T, RE, Both</td>
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</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: To be used for New Products

#### Technician Certifications

- **Sampling**
  - Certification(s): Sampling Bituminous Materials (Asphalt Binder)

#### Test Formats

1. **Performance Graded Binder - Version 17**

   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/07/2016  
**Performed By:** rpace

**Check In:** Added item type for new products

**Comment:**

---
### Asphalt Cement

#### General

<table>
<thead>
<tr>
<th>Status:</th>
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<tbody>
<tr>
<td>Version:</td>
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<td>From Date:</td>
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<td>To Date:</td>
<td>12/11/1999</td>
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<table>
<thead>
<tr>
<th>Group:</th>
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<tbody>
<tr>
<td>How Received:</td>
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<td>MSG Responsibility:</td>
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#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
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<tbody>
<tr>
<td>Alt ID Matching:</td>
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</tr>
<tr>
<td>Sample/Test:</td>
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</tr>
<tr>
<td>Approved List:</td>
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<tr>
<td>Visual Inspection:</td>
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</tr>
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<td>Catalog Cut:</td>
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<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
<td></td>
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<tr>
<td>Other Reports:</td>
<td>Other Cert. Req'd = Transporter's Certification; Pay Adj Required</td>
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#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>Other (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

#### Testing Requirements

- Sample Comment:
  - Technician Certifications: (None)

#### Test Formats

1. Performance Graded Binder - Version 17

- Owning Lab: Asphalt Lab
- IA Type: None
- Metric/English Code: Both
- Sample/Test Remarks:

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/03/1998  
**Performed By:** rpace  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Asphalt Cement

**General**
- **Group:** Asphalt
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Metric
- **From Date:** 09/03/1998
- **To Date:** 12/11/1999
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Other Cert. Req'd = Tranporter's Certification; Pay Adj Required

**Testing Requirements**
- **Sample Comment:** 
  - Technician Certifications: (None)

**Test Formats**
1. Performance Graded Binder - Version 17
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Certification**
- **Required Type**
  - 6: Supplier's Certification
  - Other
  - (None)
  - ☐ M&T 913 Report (Steel)

**Responsibility**
- ☐ M&T
- ☒ RE
- ☐ Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Asphalt Culvert Compound

#### General
- **Group:** Asphalt
- **Status:** Archive
- **How Received:** Not Received
- **Version:** 1.00
- **Metric/English:** Both
- **From Date:** 01/01/1999  
  **To Date:** 05/29/2012
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
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<tr>
<td>Approved List:</td>
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<td>Catalog Cut:</td>
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<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
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</tr>
<tr>
<td>Other Reports:</td>
<td>Brand Certification Program (pipe) Pre-approved List (pipe)</td>
</tr>
</tbody>
</table>

#### Testing Requirements
- **Sample Comment:** See appropriate QC/QA manual for sample frequency. One-coated piece of pipe with at least three valleys, 1LF. Culvert compunds one-1 pint sealed metal can.
- **Technician Certifications:** (None)

#### Test Formats

1. **Chemical Miscellaneous Test - Version 8**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv

**Check In**

**Comment:**
Asphalt Culvert Compound

General

- Group: Asphalt
- Status: Expired
- From Date: 05/30/2012
- To Date: 12/31/2075
- Version: 2.02
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Field Section

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Brand Certification Program (pipe) Pre-approved List (pipe)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. One-coated piece of pipe with at least three valleys, 1LF. Culvert compounds one-1 pint sealed metal can.

Technician Certifications: (None)

Test Formats

1. Chemical Miscellaneous Test - Version 8

   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
# Asphalt Culvert Compound

## General

<table>
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<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
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<td>Status</td>
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<tr>
<td>To Date</td>
<td>12/31/2075</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

## Methods of Acceptance

| Pretest                       | N/A                     |
| Alt ID Matching               | (None)                  |
| Sample/Test                   | N/A                     |
| Approved List                 | Required                |
| Visual Inspection             | N/A                     |
| Catalog Cut                  | N/A                     |
| Field Inspection              | N/A                     |
| Small Quantity               |                         |
| Other Reports                 | Brand Certification Program (pipe) Pre-approved List (pipe) |

### Certification Types

- **Responsibility**
  - M&T
  - RE
  - Both

### Sample/Test Remarks

- **Certification**: M&T 913 Report (Steel)

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment**: See appropriate QC/QA manual for sample frequency. One-coated piece of pipe with at least three valleys, 1LF. Culvert compounds one-1 pint sealed metal can.

**Technician Certifications**: (None)

## Test Formats

1. Chemical Miscellaneous Test - Version 8

### Metric/English Code

- **Metric/English Code**: Both

### Sample/Test Remarks

- **Sample/Test Remarks**: 

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 05/30/2012

**Performed By**: rpace

**Check In**: New MSG Groups 2013

**Comment**: 

---
Asphalt Culvert Compound

General

<table>
<thead>
<tr>
<th>Field Section</th>
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<tbody>
<tr>
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<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
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<td>Minor</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

Methods of Acceptance

- Certification: Required
- Type: M&T
- Responsibility: M&T 913 Report (Steel)

| Field Inspection: | N/A |
| Small Quantity: | N/A |
| Other Reports: | Brand Certification Program (pipe) Pre-approved List (pipe) |

Testing Requirements

- Test Category: Verification
- Sample Frequency: 10,000.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. One-coated piece of pipe with at least three valleys, 1LF. Culvert compounds one-1 pint sealed metal can.

Technician Certifications: (None)

Test Formats

1. Chemical Miscellaneous Test - Version 8

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Asphalt Culvert Compound

General

Group: Asphalt  Status: Expired
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Brand Certification Program (pipe) Pre-approved List (pipe)

Testing Requirements

Sample Comment: See appropriate QC/QA manual for sample frequency. One-coated piece of pipe with at least three valleys, 1LF. Culvert compound one-1 pint sealed metal can.

Technician Certifications: (None)

Test Formats

1. Chemical Miscellaneous Test - Version 8

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/29/2012
Performed By: rpace
Check In: expired; [ARCHIVE] Expired
Comment:
Asphalt Plant Mix, Pavement Repair

General

Group: Asphalt
How Received: Ticket
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
IA - Comparative | 100,000,000.00 | Contractor | QA Labs
Quality Control | 100,000,000.00 | Contractor | QA Labs
Quality Assurance | 100,000,000.00 | Contractor | QA Labs

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v6conv
Check In: Changed per request from Paul Robinson so that the system would treat those tickets as non-asphalt and not include them in AC price adjustment calculations. TWW.
Comment:
Asphalt Plant Mix, Pavement Repair

General

Group: Asphalt
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: Reports as required by NC DOT "HMA/QMS Manual"

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>IA - Comparative</td>
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<td>Quality Assurance</td>
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Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technical Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Changed per request from Paul Robinson so that the system would treat those tickets as non-asphalt and not include them in AC price adjustment calculations. TWW.
Comment: 

Certification: N/A
Type
(None)
Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)
### Asphalt Plant Mix, Pavement Repair

#### General
- **Group:** Asphalt
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Asphalt Plants
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Reports as required by NC DOT "HMA/QMS Manual"

#### Certification

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<tr>
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</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 12/11/1999  Performed By: v4conv  
Check In: Changed 3000 tons to 9999999's to agree with Metric ver.*
## Asphalt Plant Mix, Pavement Repair

### General
- **Group:** Asphalt
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

### Testing Requirements

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<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
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<tr>
<td>Quality Control</td>
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<td>Quality Assurance</td>
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</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/18/2011  
**Performed By:** rpace

**Check In:** Changed to Sample Test = Optional

**Comment:**
# Asphalt Plant Mix, Pavement Repair

## General

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<td>How Received</td>
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<td>Default Auth Lab</td>
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<td>Project Certification</td>
<td>Minor</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

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<tr>
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<tr>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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### Certification

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### Responsibility

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<tr>
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### M&T 913 Report (Steel)

- N/A

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
<td>IA - Comparative</td>
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<td>Quality Control</td>
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<td>Quality Assurance</td>
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<td>Contractor</td>
<td>QA Labs</td>
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</table>

### Sample Comment

See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

### Technician Certifications

- (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/18/2011

**Performed By:** rpace

**Check In:** Changed to Sample Test = Optional

**Comment:**
Asphalt Plant Mix, Pavement Repair

General

Group: Asphalt
How Received: Ticket
Metric/English: Metric
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Status: History
Version: 1.00
From Date: 12/11/1999
To Date: 01/03/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Certification: N/A
Responsibility

<table>
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<tr>
<th>Type</th>
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M&T 913 Report (Steel)

Testing Requirements

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt Plant Mix, Pavement Repair

General

Group: Asphalt  Status: Current  Version: 2.02
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>QA Labs</td>
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</table>

Sample Comment: Sampled and Tested according to product produced. See NCDOT HMA/QMS manual.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Asphalt Plant Mix, Pavement Repair

General

Group: Asphalt  Status: History
How Received: Ticket  Version: 1.01
Metric/English: Metric  From Date: 06/28/2001  To Date: 09/23/2006
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
IA - Comparative  100,000,000.00  Contractor  QA Labs
Quality Control  100,000,000.00  Contractor  QA Labs
Quality Assurance  100,000,000.00  Contractor  QA Labs

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In  Changed per request from Paul Robinson so that the system would treat those tickets as non-asphalt and not include them in AC price adjustment calculations. TWW.
Comment: 

(M&W 913 Report (Steel))
Asphalt Repair Materials

General

<table>
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<tr>
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<tr>
<td>Facility Type</td>
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<td>To Date</td>
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<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Asphalt Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest             | N/A            | Certification | N/A |
| Alt ID Matching     | (None)         | Type          |     |
| Sample/Test         | Optional       | Responsibility|     |
| Approved List       | Required       | (None)        |     |
| Visual Inspection   | Optional       | M&T          |     |
| Catalog Cut         | N/A            | RE           |     |
| Field Inspection    | N/A            | Both         |     |

Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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Sample Comment:

Technician Certifications: (None)

Test Formats

1. Miscellaneous Test Format - Version 12

   - Owning Lab: Asphalt Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:
### Asphalt Repair Materials

#### General
- **Group:** Asphalt  
- **Status:** Current
- **How Received:** Ticket  
- **Version:** 1.01
- **Metric/English:** English
- **From Date:** 01/01/1999  
- **Facility Type:** (None)
- **To Date:** 12/31/2075
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Asphalt Lab

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** Optional
- **Certification:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

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#### Testing Requirements

**Sample Comment:** (None)

#### Technician Certifications:
- **IA Type:** None

#### Test Formats
1. **Miscellaneous Test Format - Version 12**
   - **Owning Lab:** Asphalt Lab
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 02/14/2013  
Performed By: rpace  
Check In: NEW 2013 MSG  
Comment:*
Asphalt Repair Materials

General

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<td>Status</td>
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<td>To Date</td>
<td>12/31/2075</td>
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<tr>
<td>Group</td>
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<td>How Received</td>
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<td>Metric/English</td>
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<tr>
<td>MSG Responsibility</td>
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Methods of Acceptance

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Testing Requirements

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Sample Comment:

- Visit Category M&T 913 Report (Steel)
- M & T 913 Report (Steel)
- Certification: N/A
- Type: N/A
- Responsibility: M & T, RE, Both
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: Reports as required by NC DOT "HMA/QMS Manual"

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Perform By: twiltington
Check In: Asphalt Repair Materials (Metric) - added Misc. Test Format.
Comment: Format.
Asphalt Surface Treatment

General

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<td>Metric/English: English</td>
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<td>Facility Type: (None)</td>
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<tr>
<td>Default Auth Lab: Asphalt Lab</td>
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<td>Project Certification: Minor</td>
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<tr>
<td>MSG Responsibility: Asphalt Lab</td>
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Methods of Acceptance

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<td>Small Quantity:</td>
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Other Reports: Compatibility Certification of the Asphalt and Aggregate is Required

Testing Requirements

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<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<td>Quality Control</td>
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<td>Quality Assurance</td>
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Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

Technician Certifications: (None)

Action Date: 11/15/2006
Performed By: conv
Check In: Asphalt Surface Treatment (English) - Changed How
Comment: Received to Not Received.
Asphalt Surface Treatment

General

Group: Asphalt
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: N/A
Type
(None)
(Required)
(Not Required)
(Required)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

Other Reports: Compatibility Certification of the Asphalt and Aggregate is Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

Technician Certifications: (None)
Asphalt Surface Treatment

General
- **Group:** Asphalt
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/16/2004  **To Date:** 09/23/2006

**Facility Type:** (None)

**Default Auth Lab:** Asphalt Lab

**Project Certification:** Minor

**MSG Responsibility:** Asphalt Lab

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

**Small Quantity:** ☐

**Other Reports:** Compatibility Certification of the Asphalt and Aggregate is Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<td>999,999.00</td>
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<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Control</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
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<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

**Technician Certifications:** (None)

Action Date: 11/15/2006  Performed By: conv

Check In: Asphalt Surface Treatment (Metric) - Changed How Received to Not Received.
North Carolina Department of Transportation
Minimum Sampling Guide

Asphalt Surface Treatment

### General
- **Group:** Asphalt
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Asphalt Lab
- **Status:** Current
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

### Certification
- **Type:** N/A
- **Responsibility:** M& T 913 Report (Steel)

### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 99,999,999.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** Project Personnel
- **Sample Comment:** Asphalt Emulsions: See Section 1020-3  Coarse and Fine Aggregate: See Section 1012-2.
- **Technician Certifications:** (None)

---

**Action Date:** 02/14/2013  **Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
### Asphalt Surface Treatment

#### General

- **Group:** Asphalt
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/15/1997
- **To Date:** 12/11/1999

#### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐

#### Certification

- **Responsibility:**
  - (None)
  - (None)
  - (None)

#### Testing Requirements

- **Sample Comment:** Compatibility Certification of the Asphalt and Aggregate is Required; Prepayment Invoice Required; Pay Adj Required

- **Technician Certifications:** (None)
North Carolina Department of Transportation
Minimum Sampling Guide

Asphalt Surface Treatment

**General**

- **Group:** Asphalt
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/15/1997
- **To Date:** 12/11/1999
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

**Methods of Acceptance**

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<tbody>
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<tr>
<td>Visual Inspection</td>
<td>Required</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
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<td>Small Quantity</td>
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</tr>
<tr>
<td><strong>Other Reports</strong></td>
<td>Compatibility Certification of the Asphalt and Aggregate is Required; Prepayment Invoice Required; Pay Adj Required</td>
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**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Certification:**

- **Type:** N/A
- **Responsibility:**
  - (None)
  - M&T
  - RE
  - Both

Action Date: 05/15/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Asphalt Surface Treatment

## General

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<tr>
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<td>Default Auth Lab:</td>
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## Methods of Acceptance

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<th>N/A</th>
<th>Type</th>
<th>Responsibility</th>
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<td>Sample/Test:</td>
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<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
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<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
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<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>Catalog Cut:</td>
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<td>M&amp;T 913 Report (Steel)</td>
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<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
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<td></td>
<td></td>
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<tr>
<td>Other Reports:</td>
<td>Compatibility Certification of the Asphalt and Aggregate is Required</td>
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</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
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<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999,999.00</td>
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<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Assurance</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

Technician Certifications: (None)
Asphalt, Emulsified

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Asphalt</th>
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<td>Version:</td>
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<tr>
<td>Metric/English:</td>
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<td>From Date:</td>
<td>01/01/1999</td>
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<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest                 | N/A                    |
| Alt ID Matching:        | (None)                 |
| Sample/Test:           | Optional               |
| Approved List:         | N/A                    |
| Visual Inspection:     | N/A                    |
| Catalog Cut:           | N/A                    |
| Field Inspection:      | N/A                    |
| Small Quantity:        |                        |
| Other Reports:         | For Certifications see Section 1020-1 |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>94,635.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>189,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample in a 2 liter wide mouth plastic container

Technician Certifications: (None)

Test Formats

1. Emulsified Asphalt - Version 14

   | Owning Lab: Asphalt Lab |
   | IA Type: None           |

Metric/English Code: Both

Sample/Test Remarks: M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Asphalt, Emulsified

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Asphalt</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

## Methods of Acceptance

| Pretest                   | N/A                          |
| Alt ID Matching           | (None)                       |
| Sample/Test               | Optional                     |
| Approved List             | N/A                          |
| Visual Inspection         | N/A                          |
| Catalog Cut               | N/A                          |
| Field Inspection          | N/A                          |
| Small Quantity            | N/A                          |
| Other Reports             | For Certifications see Section 1020-1 |

## Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T, RE, Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T, RE, Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T, RE, Both</td>
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</table>

- [ ] M&T 913 Report (Steel)

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>25,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>50,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

Sample Comment: One sample in a 1/2 gal. wide mouth plastic container

Technician Certifications: (None)

## Test Formats

1. Emulsified Asphalt - Version 14

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Asphalt Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
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</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt, Emulsified

General

Group: Asphalt
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Status: Current
Version: 2.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: See Section 1020-1 for required certification information

Certification: Required
Type

<table>
<thead>
<tr>
<th>Certification(s)</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Default Auth Lab: Asphalt Lab

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification    | 150,000.00       | M&T Lab                   | M&T Lab

Sample Comment: One sample in a 1/2 gal. wide mouth plastic container

Technician Certifications:

Type | Certification(s)
Sampling | Sampling Bituminous Materials (Asphalt Emulsion)

Test Formats

1. Emulsified Asphalt - Version 14

Owning Lab: Asphalt Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/08/2016
Performed By: fdward
Check In: Changed to remove the QA testing requirements and changed Verification testing requirements to 150,000
Comment:
Asphalt, Emulsified

General

<table>
<thead>
<tr>
<th>Group</th>
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<tbody>
<tr>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>MSG Responsibility</td>
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Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
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</table>

Small Quantity: No Match, Alt ID Required

Other Reports: For Certifications see Section 1020-1

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>94,635.00</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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Sample Comment: One sample in a 2 liter wide mouth plastic container

Technical Certifications: (None)

Test Formats

1. Emulsified Asphalt - Version 14

Owning Lab: Asphalt Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt, Emulsified

General
Group: Asphalt  Status: Expired
How Received: Material Receipt  Version: 2.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: See Section 1020-1 for required certification information

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Quality Assurance  25,000.00  M&T Lab  M&T Lab
Verification  50,000.00  M&T Lab  M&T Lab

Sample Comment: One sample in a 1/2 gal. wide mouth plastic container

Technician Certifications:
Type  Certification(s)
Sampling  Sampling Bituminous Materials (Asphalt Emulsion)

Test Formats
1. Emulsified Asphalt - Version 14
   Ownering Lab: Asphalt Lab  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  Performed By: rpace
Check In: NEW 2013 MSG  Comment:
# Asphalt, Emulsified

## General

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<tr>
<th>Field</th>
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## Methods of Acceptance

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<th>Value</th>
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<tbody>
<tr>
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## Testing Requirements

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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Assurance</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

| Sample Comment         | One sample in a 1/2 gal. wide mouth plastic container |

## Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Sampling Bituminous Materials (Asphalt Emulsion)</td>
</tr>
</tbody>
</table>

## Test Formats

1. Emulsified Asphalt - Version 14

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Asphalt Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt, Prime Coat

General
Group: Asphalt
How Received: Material Receipt
Metric/English: English
Status: Current
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: N/A
Type: M &T
Responsibility: RE Both

Other Reports: See 1020-3 for acceptance criteria.

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 5,000.00 | Project Personnel | M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. One sample = 1/2 gal. wide mouth plastic container.

Technician Certifications: (None)

Test Formats
1. Emulsified Asphalt - Version 14

Owning Lab: Asphalt Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Asphalt, Prime Coat

General

Group: Asphalt
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: History
Version: 2.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: See 1020-3 for acceptance criteria.

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 18,900.00 Project Personnel M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. One sample = 2 liter wide mouth plastic container.

Technician Certifications: (None)

Test Formats
1. Emulsified Asphalt - Version 14

Owning Lab: Asphalt Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Asphalt, Prime Coat

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Asphalt</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
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<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>See 1020-3 for acceptance criteria.</td>
</tr>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>18,900.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. One sample = 2 liter wide mouth plastic container.

### Technician Certifications

- (None)

### Test Formats

1. Emulsified Asphalt - Version 14

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Asphalt Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
</tbody>
</table>

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Asphalt, Prime Coat (Metric) Changed Project Certification  
**Comment:** Code to Minor and How Received to Not Received.
Asphalt, Prime Coat

General
- **Group:** Asphalt
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab
- **Facility Type:** (None)

Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** See 1020-3 for acceptance criteria.

Certification: N/A
- **Type:** M & T, RE, Both
- **Responsibility:** 
  - (None)
  - (None)
  - (None)

Testing Requirements
- **Test Category:** Acceptance
  - **Sample Frequency:** 5,000.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab
- **Sample Comment:** See appropriate QC/QA manual for sample frequency. One sample = 1/2 gal. wide mouth plastic container.
- **Technician Certifications:** (None)

Test Formats
1. Emulsified Asphalt - Version 14
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt, Prime Coat

General

- **Group:** Asphalt
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Metric
- **From Date:** 07/07/2000
- **To Date:** 06/12/2001
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** See 1020-3 for acceptance criteria.

#### Certification

- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

- **M&T 913 Report (Steel) [ ]**

### Testing Requirements

- **Test Category:** Acceptance
- **Sample Frequency:** 18,900.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

- **Sample Comment:** See appropriate QC/QA manual for sample frequency. One sample = 2 liter wide mouth plastic container.

- **Technician Certifications:** (None)

### Test Formats

1. **Emulsified Asphalt - Version 14**

   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/07/2000

**Performed By:** twhittington

**Check In:** Added CHBASPH>XLS to Asphalt, Prime Coat - Metric

**Comment:**
Asphalt, Prime Coat

General
- **Group:** Asphalt
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** See 1020-3 for acceptance criteria.

Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 5,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. One sample = 1/2 gal. wide mouth plastic container.

Technician Certifications: (None)

Test Formats
1. Emulsified Asphalt - Version 14
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Asphalt, Recycled Materials

**General**

- **Group:** Asphalt
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** Other
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

**Status:** Expired  
**Version:** 3.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

**Certification:** N/A  
**Responsibility**

- (None)  
- (None)  
- (None)  
- ☐ M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT “HMA/QMS Manual”

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Asphalt, Recycled Materials (English) Changed Project Certification Code to Minor and How Received to Not Received.
### Asphalt, Recycled Materials

**General**
- **Group:** Asphalt
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Asphalt Lab

**Status:** History
**Version:** 2.00
**From Date:** 04/28/1999  **To Date:** 06/21/2001

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>Both</td>
</tr>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/28/1999  **Performed By:** rpace

**Check In:** Setting IA Format  **Comment:**
Asphalt, Recycled Materials

General

Group: Asphalt
How Received: Material Receipt
Metric/English: Metric
Facility Type: Other
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Status: History
Version: 3.00
From Date: 06/27/2001
To Date: 06/27/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]

Other Reports:

Certification: N/A
Responsibility
(None)
(Both)
(Both)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
IA - Comparative 999,999.00 Contractor M&T Lab
Quality Control 999,999.00 Contractor M&T Lab
Quality Assurance 999,999.00 Contractor M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

Technician Certifications: (None)

Test Formats

1. Asphalt Mix Test - Version 18

Owning Lab: Asphalt Lab
IA Type: Asphalt Extraction
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/27/2001
Performed By: twhillington
Check In: Change for v5
Comment:
Asphalt, Recycled Materials

General

Group: Asphalt  Status: History
How Received: Not Received  Version: 3.01
Metric/English: Metric  From Date: 04/16/2004  To Date: 09/23/2006
Facility Type: Other
Default Auth Lab: Asphalt Lab

Project Certification: Minor
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  

Certification: N/A

Responsibility

Type
(None)
(Both)
(M&T)
(RE)

M &T 913 Report (Steel)

Testing Requirements

Test Category       Sample Frequency  Sampling Responsibility  Testing Responsibility
IA - Comparative   999,999.00       Contractor            M&T Lab
Quality Control    999,999.00       Contractor            M&T Lab
Quality Assurance  999,999.00       Contractor            M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

Technician Certifications: (None)

Test Formats

1. Asphalt Mix Test - Version 18

Owning Lab: Asphalt Lab
IA Type: Asphalt Extraction
Metric/English Code: Both
Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Asphalt, Recycled Materials (Metric) Changed Project Certification Code to Minor and How Received to Not Received
Comment: Certification Code to Minor and How Received to Not Received.
Asphalt, Recycled Materials

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Asphalt</td>
</tr>
<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
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<td>Facility Type</td>
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<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Asphalt Lab</td>
</tr>
</tbody>
</table>

Status: Current
Version: 3.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

Test Category  | Sample Frequency | Sampling Responsibility | Testing Responsibility |
---------------|------------------|--------------------------|-------------------------|
Quality Control| 999,999.00       | Producer/Supplier        | Producer/Supplier       |
Quality Assurance| 999,999.00     | Producer/Supplier        | QA Labs                 |

Sample Comment: QC: 1 sample per week
QA: Sample as needed

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Asphalt, Recycled Materials

General

Group: Asphalt
How Received: Not Received
Metric/English: Metric
Facility Type: Other
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: N/A
Type

Responsibility

M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Quality Control</td>
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<td>Contractor</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Quality Assurance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual"

Technician Certifications: (None)

Test Formats

1. Asphalt Mix Test - Version 18
   
   Own ing Lab: Asphalt Lab
   IA Type: Asphalt Extraction
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Asphalt, Recycled Materials (Metric) Changed Project
Comment: Certification Code to Minor and How Received to Not Received.
### Asphalt, Recycled Materials

**General**

- **Group:** Asphalt
- **Status:** History
- **Version:** 2.00
- **From Date:** 04/28/1999
- **To Date:** 06/21/2001

**How Received:** Material Receipt

**Metric/English:** Metric

**Facility Type:** (None)

**Default Auth Lab:** Asphalt Lab

**Project Certification:** Non-Critical

**MSG Responsibility:** Asphalt Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
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<tbody>
<tr>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
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**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
<tr>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>M&amp;T</td>
<td>RE</td>
</tr>
</tbody>
</table>

**Certification:** N/A

- M&T 913 Report (Steel)

### Testing Requirements

- **Test Category:** IA - Comparative
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** Contractor
  - **Testing Responsibility:** M&T Lab

- **Test Category:** Quality Control
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** Contractor
  - **Testing Responsibility:** M&T Lab

- **Test Category:** Quality Assurance
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** Contractor
  - **Testing Responsibility:** M&T Lab

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT "HMA/QMS Manual" 

**Technician Certifications:** (None)

### Test Formats

1. **Asphalt Mix Test - Version 18**
   - **Owning Lab:** Asphalt Lab
   - **Metric/English Code:** Both
   - **IA Type:** Asphalt Extraction
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Asphalt, Recycled Materials

General
- **Group:** Asphalt
- **Status:** History
- **Version:** 2.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006
- **Metric/English:** English
- **Facility Type:** Other
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Comparative</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Contractor M&amp;T Lab</td>
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<td>Quality Control</td>
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<td>M&amp;T Lab</td>
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<td>Quality Assurance</td>
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<td>M&amp;T Lab</td>
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- **Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT “HMA/QMS Manual”
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Asphalt, Recycled Materials (English) Changed Project Certification Code to Minor and How Received to Not Received
Comment:
Asphalt, Work Zone Island

General

Group: Asphalt

How Received: Ticket

Metric/English: English

Facility Type: Asphalt Plants

Default Auth Lab: Asphalt Lab

Project Certification: Minor

MSG Responsibility: Asphalt Lab

Status: Archive

Version: 1.00

From Date: 01/01/1999   To Date: 05/29/2012

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Optional

Approved List: N/A

Visual Inspection: Required

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: 

Other Reports: Reports as required by NC DOT "HMA/QMS Manual"

Testing Requirements

Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications:

Type | Certification(s)
--- | ---
Density Asphalt Cores QA Lab | QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician
Density Asphalt Cores QA Roadway | QMS Roadway Technician
Density Asphalt Cores QC Plant | QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician
Density Asphalt Cores QC Roadway | QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician
Density Asphalt Nuclear QA | QMS Density Gauge Technician
Density Asphalt Nuclear QC Plant | QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician
Density Asphalt Nuclear QC Roadway | QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician

Action Date: 01/01/1999   Performed By: v5conv

Check In: Changed 3000 tons to 9999999's to agree with Metric ver.

Comment:
Asphalt, Work Zone Island

General
Group: Asphalt
How Received: Ticket
Metric/English: Metric
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Status: Archive
Version: 1.00
From Date: 01/01/1999 To Date: 05/29/2012

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Certification(s): N/A
Type: (None)
Responsibility: M&T RE Both

Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Testing Requirements
Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
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<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Roadway</td>
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</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
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<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
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<tr>
<td>Density Asphalt Nuclear QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician</td>
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Action Date: 01/01/1999
Performed By: v5conv
Check In: Changed 3000 tons to 9999999's to agree with Metric ver.;
Comment: [ARCHIVE] Expired
Asphalt, Work Zone Island

General
Group: Asphalt  Status: Archive
How Received: Ticket  Version: 2.00
Metric/English: English  From Date: 05/30/2012  To Date: 05/30/2012
Facility Type: Asphalt Plants
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Methods of Acceptance
Pretest: N/A  Certification: N/A  Type: N/A  Responsibility
Alt ID Matching: (None)  (None)  M&T  RE  Both
Sample/Test: Optional  (None)  M&T  RE  Both
Approved List: N/A  (None)  M&T  RE  Both
Visual Inspection: Required  (None)  M&T  RE  Both
Catalog Cut: N/A  M&T 913 Report (Steel)
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Reports as required by NC DOT “HMA/QMS Manual”

Testing Requirements
Sample Comment: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications:
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<thead>
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<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
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<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
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<td>Density Asphalt Cores QC Roadway</td>
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<td>Density Asphalt Nuclear QA</td>
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Action Date: 05/29/2012  Performed By: rpace
Check In: expired; [ARCHIVE] Expired
Comment:
Base Course, Asphalt Treated

General

Group: Asphalt  Status: History
How Received: Ticket  Version: 1.00
Metric/English: English  From Date: 10/15/1997  To Date: 12/11/1999
Facility Type: Coarse Aggregate  Version: 1.00
Default Auth Lab: Central GeoMaterials Lab  From Date: 10/15/1997  To Date: 12/11/1999
Project Certification: Minor  Project Certification: Minor
MSG Responsibility: Soils Lab  MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type: N/A
Sample/Test: Required  Responsibility: (None)
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A  (None)
Field Inspection: N/A  Type: N/A
Small Quantity:  N/A
Other Reports: Prepayment Invoice Required; ABC Unit Weight Required; Pay Adj Required

Testing Requirements

Sample Comment: Quality: One pair of samples (A & B) per 1000 tons or fraction thereof.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Base Course, Asphalt Treated

### General

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<td>English</td>
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<td>Facility Type</td>
<td>Coarse Aggregate</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
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<td>Project Certification</td>
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<td>MSG Responsibility</td>
<td>Soils Lab</td>
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<td>To Date</td>
<td>05/29/2012</td>
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</table>

### Methods of Acceptance

| Pretest                  | N/A                            |
| Alt ID Matching          | (None)                         |
| Sample/Test              | Required                       |
| Approved List            | N/A                            |
| Visual Inspection        | N/A                            |
| Catalog Cut              | N/A                            |
| Field Inspection         | N/A                            |
| Small Quantity           | N/A                            |
| Other Reports            | Prepayment Invoice Required; ABC Unit Weight Required |

### Certification

<table>
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<tr>
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<tbody>
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### Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

### Sample Comment

See appropriate QC/QA manual for sample frequency. Quality: One pair of samples (A & B) per 1000 tons or fraction thereof.

### Technician Certifications

(None)
Base Course, Asphalt Treated

General

Group: Asphalt
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: Archive
Version: 1.00
From Date: 01/01/1999 To Date: 05/29/2012

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required; ABC Unit Weight Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1,000.00 Project Personnel M&T Lab
Sample Comment: See appropriate QC/QA manual for sample frequency. Quality: One pair of samples (A & B) per 1000 tons or fraction thereof.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Base Course, Cement Treated**

**General**
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** M&T 500 and M&T 504 or M&T 514N and M&T 515 N

**Certification:** N/A
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<th>Type</th>
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</thead>
<tbody>
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**Testing Requirements**

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<tr>
<th>Test Category</th>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>18,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** STOCKPILE: One unit = approx. 2000 metric tons. Each sample shall weigh a minimum of 32 kg. RROADWAY: One lot = 1000 metric tons.

**Technical Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2004  
**Performed By:** fmoody

**Check In:** Base Course, Cement Treated - English - Changed How  
**Comment:** Received to Ticket
Base Course, Cement Treated

General

Group: Aggregate
How Received: Pay Record
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 1.00
From Date: 06/25/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: M&T 500 and M&T 504 or M&T 514N and M&T 515 N; Pay Adj Required

Certification: N/A
Responsibility

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☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: STOCKPILE: One unit = approx. 2000 metric tons. Each sample shall weigh a minimum of 32 kg. ROADWAY: One lot = 1000 metric tons.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/25/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
**Base Course, Cement Treated**

### General
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance

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<tbody>
<tr>
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<td>Field Inspection:</td>
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### Certification:
- **Type:** N/A
- **Responsibility**:
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

### Testing Requirements

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<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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</table>

### Sample Comment:

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Base Course, Cement Treated

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 500 and M&T 504 or M&T 514N and M&T 515 N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
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<tr>
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<td>IA - Comparative</td>
<td>18,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Base Course, Cement Treated

### General
- **Group**: Aggregate
- **How Received**: Ticket
- **Metric/English**: Metric
- **Facility Type**: (None)
- **Default Auth Lab**: Central GeoMaterials Lab
- **Project Certification**: Critical
- **MSG Responsibility**: Soils Lab

### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: □
- **Other Reports**: M&T 500 and M&T 504 or M&T 514N and M&T 515 N

### Certification

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- **M&T 913 Report (Steel)**

### Testing Requirements

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</table>

- **Sample Comment**: STOCKPILE: One unit = approx. 2000 metric tons. Each sample shall weigh a minimum of 32 kg.
  ROADWAY: One lot = 1000 metric tons.

- **Technician Certifications**: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

- **Action Date**: 05/14/2004
- **Performed By**: fmoody
- **Check In**: Base Course, Cement Treated - Metric - Changed How
- **Comment**: Received to Ticket.
### Base Course, Cement Treated

#### General
- **Group:** Aggregate
- **Status:** Archive
- **How Received:** Ticket
- **Version:** 4.00
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 05/29/2012
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance

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#### Certification

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**Certification:** N/A

#### Testing Requirements

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<th>Sample Frequency</th>
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<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>18,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- Technician Certifications: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: rpace

Check In: deleted ctbc comments; [ARCHIVE] Expired

Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Base Course, Cement Treated

General

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

Status: History

Version: 2.00

From Date: 04/27/1999  To Date: 06/21/2001

Methods of Acceptance

| Pretest     | N/A     |
| Alt ID Matching | (None) |
| Sample/Test | Required |
| Approved List | N/A     |
| Visual Inspection | N/A     |
| Catalog Cut  | N/A     |
| Field Inspection | N/A     |
| Small Quantity |  □     |
| Other Reports | M&T 500 and M&T 504 or M&T 514N and M&T 515 N |

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T 913 Report (Steel)</td>
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</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<tr>
<td>IA - Comparative</td>
<td>18,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: STOCKPILE: One unit = approx. 2000 metric tons. Each sample shall weigh a minimum of 32 kg.
ROADWAY: One lot = 1000 metric tons.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/27/1999  Performed By: rpace
Check In  Setting IA Format
Comment:
### Minimum Sampling Guide

#### Base Course, Cement Treated

**General**

- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Status:** Archive
- **Version:** 4.00
- **From Date:** 05/30/2012
- **To Date:** 05/30/2012

**Facility Type:** (None)

**Default Auth Lab:** Central GeoMaterials Lab

**Project Certification:** Critical

**MSG Responsibility:** Soils Lab

#### Methods of Acceptance

<table>
<thead>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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**Certification:** N/A

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<tr>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T 500 and M&amp;T 504 or M&amp;T 514N and M&amp;T 515 N</td>
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</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
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<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<td>IA - Comparative</td>
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<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<td>Quality Assurance</td>
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**Sample Comment:**

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
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<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>ABC Sampling Technician OR QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/29/2012

**Performed By:** rpace

**Check In:** Expired; [ARCHIVE] Expired

**Comment:**
Base Course, Cement Treated

**General**
- **Group**: Aggregate
- **Status**: History
- **How Received**: Ticket
- **Version**: 3.01
- **Metric/English**: Metric
- **Facility Type**: (None)
- **Default Auth Lab**: Central GeoMaterials Lab
- **Project Certification**: Critical
- **MSG Responsibility**: Soils Lab

**Methods of Acceptance**
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: □
- **Other Reports**: M&T 500 and M&T 504 or M&T 514N and M&T 515 N

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
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<td>M&amp;T Lab</td>
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**Certification**

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Technician Certifications**: (None)
Base Course, Cement Treated

General

Status: History
From Date: 04/06/2000  To Date: 04/10/2000

Group: Aggregate
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: M&T 500 and M&T 504 or M&T 514N and M&T 515 N

Testing Requirements

Sample Comment: STOCKPILE: One unit = approx. 2000 metric tons. Each sample shall weigh a minimum of 32 kg.
ROADWAY: One lot = 1000 metric tons.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000  Performed By: Idaen
Check In: Changed default authorizing lab from Physical to Chemical.

## Base Course, Soil Type

### General

- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** M&T 500, 503, 504

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample per 500 linear feet of roadway. One sample is equal to three cores: One from the centerline and one core approximately 3 feet from EACH edge.

**Technician Certifications:** (None)

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Setting IA Format; [ARCHIVE] rkp  
**Comment:**
Test Formats

3. Conventional Density Test 3 - Version 1
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

4. Soils for Quality - Version 4
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Setting IA Format; [ARCHIVE] rkp  
**Comment:**
## Base Course, Soil Type

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>M&amp;T 500, 503, 504</td>
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</tbody>
</table>

### Certification
- **Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - (None)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>300.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment
- One sample per 150 meters of roadway. One sample is equal to three cores:
  - One from the centerline and One core approximately 1 meter from EACH edge.

### Technician Certifications
- (None)

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Setting IA Format
**Comment:**
### Test Formats

3. Conventional Density Test 3 - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

4. Soils for Quality Test - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Setting IA Format

**Comment:**
## Base Course, Soil Type

### General
- **Group:** Soils
- **Status:** History
- **Version:** 1.01
- **From Date:** 06/28/2001
- **To Date:** 09/23/2006
- **How Received:** Ticket
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>N/A</td>
<td>M&amp;T 500, 503, 504</td>
</tr>
</tbody>
</table>

### Testing Requirements

#### Test Category
- **Acceptance:** 500.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

#### Sample Comment:
One sample per 500 linear feet of roadway. One sample is equal to three cores: One from the centerline and One core approximately 3 feet from EACH edge.

#### Technician Certifications:
(None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Setting IA Format  
**Comment:**
**Test Formats**

3. Conventional Density Test 3 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

4. Soils for Quality - Version 4
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Setting IA Format  
**Comment:**
Base Course, Soil Type

General

Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 500, 503, 504

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>300.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per 150 meters of roadway. One sample is equal to three cores: One from the centerline and One core approximately 1 meter from EACH edge.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1

   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:


   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

3. Conventional Density Test 3 - Version 2
   
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:** None

4. Soils for Quality Test - Version 2
   
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:** None

---

**Base, Soil Cement**

**General**

- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.00
- **From Date:** 03/25/1997
- **To Date:** 12/11/1999
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Certification:** N/A
- **Responsibility:**
  - Type
    - (None)
  - (None)
  - (None)
  - (None)
  - M&T 913 Report (Steel)

- **Other Reports:** M&T 500 and M&T 504 or M&T 514N and M&T 515N; Prepayment Invoice Required; Pay Adj Required

**Testing Requirements**

- **Sample Comment:**
  - **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Base, Soil Cement

## General

<table>
<thead>
<tr>
<th>Group</th>
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<td>(None)</td>
<td>To Date</td>
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<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td>Pretest</td>
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<tr>
<td>MSG Responsibility</td>
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<td>Sample/Test</td>
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## Methods of Acceptance

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<tr>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td>[ ]</td>
</tr>
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</table>

**Other Reports:**
- M&T 500 and M&T 504 or M&T 514N and M&T 515N; Prepayment Invoice Required

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>300.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- M & T 500 and M & T 504 or M & T 514N and M & T 515N.
- IA - One comparative test per 302 km pavement lane or fraction.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Base, Soil Cement - Metric - Changed How Received to Ticket.
Minimum Sampling Guide

Base, Soil Cement

General
Group: Miscellaneous
How Received: Ticket
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Current
Version: 3.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Certification: N/A
Type
(Nonne)
(Nonoe)
(Nonne)

Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

☐ M&T 913 Report (Steel)

Other Reports: M&T 500 and M&T 504 or M&T 514N and M&T 515N; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  300.00  Project Personnel  M&T Lab

Sample Comment: M & T 500 and M & T 504 or M & T 514N and M & T 515N.
IA - One comparative test per 302 km pavement lane or fraction.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmooky
Check In: Base, Soil Cement - Metric - Changed How Received to Ticket.
**Base, Soil Cement**

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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**Certification:** N/A

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</table>

- [ ] M&T 913 Report (Steel)

**Other Reports:** M&T 500 and M&T 504 or M&T 514N and M&T 515N; Prepayment Invoice Required

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Sample Comment:**
M & T 500 and M & T 504 or M & T 514N and M & T 515N.
IA - One comparative test per 302 km pavement lane or fraction.

**Technician Certifications:** (None)

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In** Changed default authorizing lab from Physical to  
**Comment:** Chemical.
## Base, Soil Cement

### General

<table>
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### Methods of Acceptance

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### Certification

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### Testing Requirements

- **Sample Comment:** Archive data come from Minimum Sampling Guide on v3.0
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Base, Soil Cement**

**General**
- **Group:** Miscellaneous
- **Status:** Current
- **How Received:** Ticket
- **Version:** 3.01
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** M&T 500 and M&T 504 or M&T 514N and M&T 515N; Prepayment Invoice Required

**Testing Requirements**

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**Sample Comment:** M & T 500 and M & T 504 or M & T 514N and M & T 515N. IA - One comparative test per 2 mile pavement lane or fraction.

**Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*
## Base, Soil Cement

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### Methods of Acceptance

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### Certification

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### M&T 913 Report (Steel)

### Testing Requirements

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<td>M&amp;T Lab</td>
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</tbody>
</table>

### Sample Comment

- M & T 500 and M & T 504 or M & T 514N and M & T 515N.
- IA - One comparative test per 2 mile pavement lane or fraction.

### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date

Action Date: 11/15/2006

### Check In

Check In: Base, Soil Cement - English - Changed How Received to Ticket.
## Base, Soil Cement

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** M&T 500 and M&T 504 or M&T 514N and M&T 515N; Prepayment Invoice Required

### Certification
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)
  - □ M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>4,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Sample Comment</td>
<td>M &amp; T 500 and M &amp; T 504 or M &amp; T 514N and M &amp; T 515N. IA - One comparative test per 2 mile pavement lane or fraction.</td>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmood 
**Check In:** Base, Soil Cement - English - Changed How Received to Ticket.
**Base, Soil Cement**

### General
- **Group:** Miscellaneous
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** M&T 500 and M&T 504 or M&T 514N and M&T 515N; Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** M & T 500 and M & T 504 or M & T 514N and M & T 515N. IA - One comparative test per 2 mile pavement lane or fraction.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
# Bearing Plate Assemblies

## General

<table>
<thead>
<tr>
<th>Group</th>
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<tbody>
<tr>
<td>How Received</td>
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<tr>
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<td>Facility Type</td>
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<tr>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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### Certification

- **Type**: Optional
- **Responsibility**: M&T, RE, Both
- **Certification**: 1. Certified Mill Test Report
  - (None)
- **Sample/Test Remarks**: M&T 913 Report (Steel)

### Inspection Type(s)

- Structural Steel

### Other Reports

- Inspection for Coating Thickness Required

## Testing Requirements

### Test Category

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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### Sample Comment

- None
- Pre-tested

### Technician Certifications

- (None)

## Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

2. **Steel Alloy Test - Version 4**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

3. **Steel Alloy_ - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date

02/27/2013

### Performed By

rpace

### Check In

New MSG Groups 2013

### Comment

- New MSG Groups 2013
- Action Date: 02/27/2013
- Performed By: rpace
- Check In: New MSG Groups 2013
- Comment: New MSG Groups 2013
Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
**Bearing Plate Assemblies**

**General**

- **Group:** Structural
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

**Inspection Type(s):** Structural Steel

**Other Reports:** Inspection for Coating Thickness Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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**Sample Comment:** None

**Technician Certifications:** (None)

**Test Formats**

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

2. **Steel Alloy Test - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

3. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** rpace
**Check In:** Changed to coincide with new project certification requirements. rkp
**Comment:** Requirements. rkp

---

**Certification:**

- **Type:** Optional
- **Responsibility:**
  - M&T
  - RE
  - Both
- **M&T 913 Report (Steel)**

---
Check In
Comment: Changed to coincide with new project certification

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace

Comment: requirements. rkp
Bearing Plate Assemblies

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel

Small Quantity: [ ]
Other Reports: Inspection for Coating Thickness Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 100.00 M&T Lab M&T Lab

Sample Comment: None

Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   
<table>
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2. Steel Alloy Test - Version 4
   
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3. Steel Alloy_ - Version 5
   
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Check In
Comment: New 2013 MSG

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
### Bearing Plate Assemblies

**General**

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**Methods of Acceptance**

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**Inspection Type(s):** Structural Steel

**Testing Requirements**

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<th>Sample Frequency</th>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** None

**Technician Certifications:** (None)

**Test Formats**

1. Steel Alloy - Version 5

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. Steel Alloy Test - Version 4

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. Steel Alloy_ - Version 5

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997

**Performed By:** fmoody

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
### Bearing Plate Assemblies

#### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Inspection for Coating Thickness Required; Pay Adj Required

#### Testing Requirements
- **Sample Comment:** Tech Certifications: (None)

#### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab  
     - **IA Type:** None  
     - **Metric/English Code:** Both
     - **Sample/Test Remarks:**

2. **Steel Alloy Test - Version 4**
   - **Owning Lab:** Chemical Lab  
     - **IA Type:** None  
     - **Metric/English Code:** Both
     - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab  
     - **IA Type:** None  
     - **Metric/English Code:** Both
     - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Bearsings, Elastomeric

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: Elastomeric Bearings
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Testing Requirements
Sample Comment: Check approved manufacturer's list. No samples needed.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Changes Elastomeric Bearings to Facility Type of
Comment: "Elastomeric Bearings"
**Bearsings, Elastomeric**

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Other
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

| Pretest:   | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | □ |
| Other Reports: | |

**Certification:**
- **Type:** Required
- **Responsibility:**
  - Manufacturer's Certification
  - 3: Manufacturer's Certification
    - (None)
  - Required
    - (None)
  - M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** Check approved manufacturer's list. No samples needed.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/03/2002
**Performed By:** dgreene
**Check In** Add Facility type
**Comment:**
Bearsings, Elastomeric

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: Elastomeric Bearings
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: Required
Type

Responsibility
4: Certified Test Reports
M&T Field
M&T Lab
RE
Both

M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 500.00 | M&T Field | M&T Lab

Sample Comment: Must come from an Approved Facility.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
### Bearings, Elastomeric

#### General
- **Group:** Structural  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab  

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** Required  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:**

#### Certification

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:** Check approved manufacturer's list. No samples needed.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/03/2002  
**Performed By:** dgreene  
**Check In:** Change approved List  
**Comment:**

# Minimum Sampling Guide

## Bearings, Elastomeric

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
<td>Structural</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
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<tr>
<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

- Sample Comment:
- Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/08/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Bearings, Elastomeric

### General
- **Group:** Structural  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab  
- **Status:** History  
- **Version:** 2.00  
- **From Date:** 09/25/2001  
- **To Date:** 09/25/2001

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** □  
- **Other Reports:**

### Certification
- **Required Type:**  
  - 3: Manufacturer's Certification  
  - (None)  
  - (None)  

### Testing Requirements
- **Sample Comment:** Check approved manufacturer's list. No samples needed.  
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 09/25/2001  
**Performed By:** rpace  
**Check In:** Changed Elastomeric Bearings not to require approved lists  
**Comment:** lists
### Bearings, Elastomeric

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Structural</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>Version</td>
<td>5.01</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Elastomeric Bearings</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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<td></td>
</tr>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
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</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Must come from an Approved Facility.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
### Bearings, Elastomeric

#### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Elastomeric Bearings
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>○ M&amp;T ● RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- □ M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:** Check approved manufacturer's list. No samples needed.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Changes Elastomeric Bearings to Facility Type of  
**Comment:** "Elastomeric Bearings"
## Bearsings, Mechanical

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmooody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
# Minimum Sampling Guide

**Bears, Mechanical**

**General**
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Shop Drawing Required; Prepayment Invoice Required

## Certification
- **Type:** Required
- **Responsibility:** M &T
- **Certification:**
  1. Certified Mill Test Report
     - M &T
     - RE
     - Both

## Testing Requirements
- **Sample Comment:** Pre-inspected - No samples required
- **Technician Certifications:** (None)

## Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twhittington  
**Check In:** tww - changed Concrete Cores to MINOR  
**Comment:**
### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Structural</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Structural Steel</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
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<tr>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
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</tr>
</tbody>
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#### Sampling Requirements

- **Pretest**: 100,000.00 M&T Field, 100,000.00 RE Field
- **Responsibility**: M&T Field

#### Certification

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Pretest</td>
<td>100,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

#### Testing Requirements

- **Sample Comment**: Pre-inspected - No samples required
- **Technician Certifications**: (None)

#### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

2. **Steel Alloy - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Changed bearings to FIR  
**Comment:** 

Bearsings, Mechanical

General

Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 4.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel
Small Quantity: 
Other Reports: Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Pretest | 1.00 | M&T Field | M&T Field

Sample Comment: Pre-inspected - No samples required
Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both

   **Sample/Test Remarks:**

2. Steel Alloy_ - Version 5
   
   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both

   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  
Performed By: rpace  
Check In: New 2013 MSG  
Comment:
## Bearings, Mechanical

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
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</tr>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel
- **Small Quantity:** Not applicable
- **Other Reports:** Shop Drawing Required; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:** Pre-inspected - No samples required

**Technician Certifications:** (None)

### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:** 

---

**Status:** Current  
**Version:** 4.02  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075
Bearsings, Mechanical

General
- Group: Structural
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: Structural Steel
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Structural Members

Status: History
Version: 3.00
From Date: 09/03/2002 To Date: 09/03/2002

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity:
- Other Reports: Shop Drawing Required; Prepayment Invoice Required

Certification
- Type: Required
- Responsibility
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both

Testing Requirements
- Pretest Test Category: Steel Alloy
  - Sample Frequency: 100,000.00
  - Sampling Responsibility: M&T Field
  - Testing Responsibility: M&T Field
  - Sample Comment: Pre-inspected - No samples required
  - Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/03/2002
Performed By: dgrene
Check In: Change from non-critical to critical
Comment:
Bearsings, Mechanical

General
Group: Structural  Status: History
How Received: Material Receipt  Version: 3.01
Metric/English: Both  From Date: 09/24/2002  To Date: 09/23/2006
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: Yes
Other Reports: Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  100,000.00  M&T Field  M&T Field

Sample Comment: Pre-inspected - No samples required
Technician Certifications: (None)

Test Formats
1. Steel Alloy  -  Version 5
   
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy_  -  Version 5
   
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Changed bearings to FIR
Comment:
## Bearings, Preformed Pads

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Changed to coincide with new project certification  
**Comment:** requirements. rkp
Bearsings, Preamed Pads

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 04/10/2000 To Date: 04/10/2000

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: Required
Type: 3: Manufacturer's Certification
Responsibility: (None)
☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/10/2000 Performed By: rpace
Check In: Changed sample frequency from 1 to 999999; also change default authorizing lab to chemical from physical.

Comment:
Bearsings, Preformed Pads

General

Group: Structural  Status: Expired
How Received: Material Receipt  Version: 2.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Required  Certification: Required  Type  Responsibility
Alt ID Matching: No Match  3: Manufacturer's Certification
Sample/Test: N/A  (None)
Approved List: N/A  (None)
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  100.00  M&T Lab  M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  Performed By: rpace
Check In  New 2013 MSG
Comment:
Bearsings, Preformed Pads

General

Group: Structural  Status: Current
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  □
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Bearings, Preformed Pads

General

Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Correcting
Version: 2.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/07/2015
Performed By: rpace
Check In
Comment:
Bearsings, Preformed Pads

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category: Verification
Sample Frequency: 100.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Lab

Sample Comment: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: Changed to coincide with new project certification
Comment: requirements. rkp
### Block and Brick, Concrete

**General**
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Concrete Brick & Block
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Status:**
- **Version:** 1.00
- **From Date:** 06/26/1998
- **To Date:** 12/11/1999

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Pay Adj Required

**Testing Requirements**
- **Sample Comment:**
  - 10 Units for First 10,000 Units
  - 10 Units for 10,001 to 100,000 Units

**Technician Certifications:** (None)

**Test Formats**
1. **Concrete Block And Brick - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Concrete Block and Brick - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/26/1998  
**Performed By:** rpace  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
**Block, Concrete**

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status</th>
<th>History</th>
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<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
<td>2.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>04/16/2004</td>
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<tr>
<td>Facility Type</td>
<td>Concrete Brick &amp; Block</td>
<td>To Date</td>
<td>09/23/2006</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest             | N/A                    |
| Alt ID Matching     | (None)                 |
| Sample/Test         | Optional               |
| Approved List       | N/A                    |
| Visual Inspection   | Optional               |
| Catalog Cut         | N/A                    |
| Field Inspection    | N/A                    |
| Small Quantity      |                        |
| Other Reports       | Prepayment Invoice Required |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>100,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>100,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

| Sample Comment      | See appropriate QC/QA manual for sample frequency. A sample is 10 units. (brick or block) IA Concrete Block - One 2 block sample per 100000 material unit of measure on fraction per project. |
| Technician Certifications | (None) |

**Test Formats**

1. **Concrete Block And Brick - Version 3**

   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

2. **Concrete Block and Brick - Version 3**

   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Block, Concrete (Both) Changed How Received to Not Received  
**Comment:** Received
Block, Concrete

General
Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 3.02
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Quality Control  100,000.00  Producer/Supplier  Producer/Supplier
Quality Assurance  500,000.00  M&T Field  M&T Lab
Verification  10,000.00  Project Personnel  M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. A sample is 5 units. Verification: One sample if integrity of block is suspect. Blocks shall be tinted.

Technician Certifications: (None)

Test Formats
1. Concrete Block And Brick - Version 3
   Ownering Lab: Physical Lab  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:
2. Concrete Block and Brick - Version 3
   Ownering Lab: Physical Lab  Metric/English Code: English
   IA Type: None  Sample/Test Remarks:

Action Date: 02/14/2013  Performed By: rpace
Check In: New 2013 MSG
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Block, Concrete

General
Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: None
Type
Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000.00 M&T Lab M&T Lab
Quality Control 100,000.00 M&T Lab M&T Lab
Quality Assurance 100,000.00 M&T Lab M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. A sample is 10 units. (brick or block)
IA Concrete Block - One 2 block sample per 100000 material unitsof measure on faction per project.

Technician Certifications: None

Test Formats
1. Concrete Block And Brick - Version 3
   
   Metric/English Code: Metric
   Sample/Test Remarks:

   IA Type: None
   Metric/English Code: English

2. Concrete Block and Brick - Version 3
   
   Metric/English Code: English
   Sample/Test Remarks:

   IA Type: None
   Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Block, Concrete (Both) Changed How Received to Not Received
Comment: Received
Block, Concrete

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: N/A
Responsibility

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100,000.00 | M&T Lab | M&T Lab
Quality Control | 100,000.00 | M&T Lab | M&T Lab
Quality Assurance | 100,000.00 | M&T Lab | M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. A sample is 10 units. (brick or block). IA Concrete Block - One 2 block sample per 100000 material unitsof measure on faction per project.

Testing Requirements

Technician Certifications: (None)

Test Formats

1. Concrete Block And Brick - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None

2. Concrete Block and Brick - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG group from Concrete to Misc.
Comment:
Block, Concrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 04/06/2000 
To Date: 04/10/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: N/A

Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000.00 M&T Lab M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. A sample is 10 units. (brick or block) IA Concrete Block - One 2 block sample per 100000 material unitsof measure on faction per project.

Technician Certifications: (None)

Test Formats
1. Concrete Block And Brick - Version 3
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Concrete Block and Brick - Version 3
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
Block, Concrete

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date:</td>
<td>04/25/2000</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Concrete Brick &amp; Block</td>
<td>To Date:</td>
<td>04/25/2000</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A                                      |
| Alt ID Matching: | (None)                                |
| Sample/Test: | Optional                             |
| Approved List: | N/A                                   |
| Visual Inspection: | Optional                            |
| Catalog Cut: | N/A                                   |
| Field Inspection: | N/A                                  |
| Small Quantity: | N/A                                   |
| Other Reports: | Prepayment Invoice Required          |

Testing Requirements

Sample Comment: See appropriate QC/QA manual for sample frequency. A sample is 10 units. (brick or block)

IA Concrete Block - One 2 block sample per 100000 material unit of measure on faction per project.

Technician Certifications: (None)

Test Formats

1. Concrete Block And Brick - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

2. Concrete Block and Brick - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/25/2000
Perform By: rpace
Check In: changed brick and block requirement for an approved list.
Comment: It use to require a brand name. Changed to N/A now.
Block, Concrete

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: 

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>100,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>500,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>10,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for sample frequency. A sample is 5 units. Verification: One sample if integrity of block is suspect. Blocks shall be tinted.

Technician Certifications: (None)

Test Formats
1. Concrete Block And Brick - Version 3

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Concrete Block and Brick - Version 3

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:
Block, Concrete Segmental Wall

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: Segmental Retaining Wall
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 1.00
From Date: 06/23/2016 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:

Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Control</td>
<td>100,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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<tr>
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<td>Producer/Supplier</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment:

Technician Certifications: (None)

Certification: N/A
Responsibility

<table>
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<tr>
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<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
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<table>
<thead>
<tr>
<th>(None)</th>
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<th>Both</th>
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<tbody>
<tr>
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<td>RE</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Action Date: 06/24/2016
Performed By: rpace
Check In: New
Comment:
Block, Guardrail, Plastic

General

- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Status:** History, **Version:** 1.00, **From Date:** 05/16/1997, **To Date:** 12/11/1999

Methods of Acceptance

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If temporary less than 200 LF.
- **Other Reports:** Must come with Bill of Lading; Pay Adj Required

Testing Requirements

- **Sample Comment:**
  - **Technician Certifications:** (None)

Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

<table>
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<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

   - M&T 913 Report (Steel)

Action Date: 05/16/1997, Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Bolts, Anchor

#### General

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<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
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<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

#### Status:

- **From Date:** 07/10/1998
- **To Date:** 12/11/1999
- **Version:** 1.00
- **History**

#### Methods of Acceptance

<table>
<thead>
<tr>
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<tr>
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<td>Sample/Test</td>
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<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>Yes</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required; Pay Adj Required</td>
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</table>

#### Certification

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
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<tr>
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</tr>
</tbody>
</table>

#### Note:

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Testing Requirements

- **Sample Comment**: If NOT Pretested, 1 sample per project.
- **Technician Certifications**: (None)

### Test Formats

1. **Anchor Bolts Test - Version 5**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: None

2. **Anchor Bolts Test (Metric) - Version 1**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: None

3. **Steel Alloy - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: None

---

**Action Date**: 07/10/1998  
**Performed By**: dgreene  
**Check In**: Archive data come from Minimum Sampling Guide on v3.0  
**Comment**: Production db
Test Formats

4. Steel Alloy_ - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/10/1998
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Minimum Sampling Guide

## Bolts, Anchor

### General

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>Metric/English</td>
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<td>01/01/1999</td>
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<tr>
<td>To Date</td>
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<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** Optional

- **Type:** M &T
- **Responsibility:** RE

**SAE 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If NOT Pretested; 1 sample per size, per project.

**Technician Certifications:** (None)

### Test Formats

1. **Anchor Bolts Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Anchor Bolts Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013

**Performed By:** rpace

**Check In:** New 2013 MSG

**Comment:**
Test Formats

4. Steel Alloy - Version 5

- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:** None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection."
Bolts, Anchor

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
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<tr>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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**Inspection Type(s):** Structural Steel

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If NOT Pretested; 1 sample per size, per project.

**Technician Certifications:** (None)

**Test Formats**

1. **Anchor Bolts Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**
   - **Responsibility:** M&T

2. **Anchor Bolts Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**
   - **Responsibility:** M&T

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/09/2002 **Performed By:** rpace
**Check In:** changed anchor bolt cert to optional
**Comment:**

---

<table>
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<td>M&amp;T</td>
</tr>
<tr>
<td>2: Certified Mill Test Report</td>
<td>(None)</td>
<td>RE</td>
</tr>
<tr>
<td>3: Domestic Steel Certification Required</td>
<td>(None)</td>
<td>Both</td>
</tr>
<tr>
<td>4: M&amp;T 913 Report (Steel)</td>
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</table>
### Test Formats

4. **Steel Alloy** - Version 5

<table>
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<tr>
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<tbody>
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<td><strong>IA Type:</strong></td>
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<table>
<thead>
<tr>
<th><strong>Metric/English Code:</strong></th>
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</thead>
</table>

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Comment:**

- Changed anchor bolt cert to optional

**Action Date:** 10/09/2002

**Performed By:** rpace

---
## Minimum Sampling Guide

**Bolts, Anchor**

### General
- **Group:** Steel  
- **Status:** History  
- **How Received:** Material Receipt  
- **Version:** 2.00  
- **Metric/English:** Both  
- **From Date:** 10/09/2002  
- **To Date:** 10/09/2002  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
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</table>

**Certification:** Required  
**Responsibility:** M&T  
**Type:** M &T  
**1:** Certified Mill Test Report  
(Non)  
(Non)  
**M &T 913 Report (Steel)**

### Testing Requirements

**Test Category**  
- Verification  
**Sample Frequency:** 5,000.00  
**Sampling Responsibility:** Project Personnel  
**Testing Responsibility:** M&T Lab

**Sample Comment:** If NOT Pretested; 1 sample per size, per project.

**Technician Certifications:** (None)

### Test Formats

1. **Anchor Bolts Test - Version 5**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

2. **Anchor Bolts Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/09/2002  
**Performed By:** rpace  
**Check In:** Changed anchor bolts to FIR require  
**Comment:**

*Perform visual inspection on finished product.*
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Steel Alloy - Version 5</td>
</tr>
<tr>
<td><strong>Owning Lab</strong>: Chemical Lab</td>
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<td><strong>Metric/English Code</strong>: Both</td>
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<td><strong>Sample/Test Remarks</strong>:</td>
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**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 10/09/2002  
**Performed By**: rpace  
**Check In**: Changed anchor bolts to FIR require  
**Comment**: 
North Carolina Department of Transportation
Minimum Sampling Guide

Bolts, Anchor

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 3.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports: Domestic Steel Certification Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 5,000.00 Project Personnel M&T Lab

Sample Comment: If NOT Pretested; 1 sample per size, per project.

Technician Certifications: (None)

Test Formats
1. Anchor Bolts Test - Version 5
   Ownership: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Anchor Bolts Test (Metric) - Version 1
   Ownership: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Steel Alloy - Version 5
   Ownership: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Bolts, Anchor (Both) - Changed Project Certification Code
Comment: to Critical
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Steel Alloy, - Version 5</td>
</tr>
<tr>
<td><strong>Owning Lab</strong>: Chemical Lab</td>
</tr>
<tr>
<td><strong>IA Type</strong>: None</td>
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<tr>
<td><strong>Metric/English Code</strong>: Both</td>
</tr>
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<td><strong>Sample/Test Remarks</strong>:</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: Bolts, Anchor (Both) - Changed Project Certification Code  
Comment: to Critical
### Minimum Sampling Guide

**Bolts, Anchor**

**General**
- **Group:** Steel
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 4.02
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel

**Testing Requirements**
- **Test Category:** Verification
- **Sample Frequency:** 5,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

**Sample Comment:** If NOT Pretested; 1 sample per size, per project.

**Technician Certifications:** (None)

**Test Formats**

1. **Anchor Bolts Test** - Version 5
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Anchor Bolts Test (Metric)** - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Steel Alloy** - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Editor:** rpace

**Action Date:** 02/27/2013

**Performed By:**

- **Check In:** New MSG Groups 2013
- **Comment:**

---

**Description:**
- **Type:** Steel
- **Certification:** Optional
- **Responsibility:** M&T 913 Report (Steel)

- **Catalog Cut:**
  - **Type:** M & T
  - **RE:** Both
  - **Both:**
  - **M & T:** Both
  - **RE:** Both
  - **Both:**

---

- **Field Inspection:** Required
## Test Formats

<table>
<thead>
<tr>
<th>Test</th>
<th>Description</th>
<th>Details</th>
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| 4. | Steel Alloy_ - Version 5 | **Owning Lab:** Chemical Lab  
**IA Type:** None  
**Metric/English Code:** Both  
**Sample/Test Remarks:** |
## Bolts, Anchor

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If NOT Pretested; 1 sample per size, per project.

**Technician Certifications:** (None)

### Test Formats

1. **Anchor Bolts Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Anchor Bolts Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoodys  
**Check In:** Bolts, Anchor (Both) - Changed Project Certification Code  
**Comment:** to Critical
## Test Formats

<table>
<thead>
<tr>
<th>Test Formats</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4. Steel Alloy_ - Version 5</strong></td>
<td><strong>Owning Lab:</strong> Chemical Lab</td>
<td><strong>IA Type:</strong> None</td>
</tr>
<tr>
<td></td>
<td><strong>Metric/English Code:</strong> Both</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Bolts, Anchor (Both) - Changed Project Certification Code  
**Comment:** to Critical
Bolts, High Strength

**General**

- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Type 6 Certification required by M&T only for Pretest and a "Rotational Capacity Test Report"

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If NOT Pretested: 3 - assemblies (each size) of nut, bolt, and washer per 100 assemblies.

**Technician Certifications:** (None)

**Test Formats**

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

3. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** took off cert requirement.

**Comment:**

- M&T 913 Report (Steel)
Test Formats

4. Steel Alloy  -  Version 5

   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks: None

5. Steel Alloy_  -  Version 5

   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Bolts, High Strength

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Type
Responsibility
(None) M&T RE Both
(Both) M&T RE Both
M&T 913 Report (Steel)

Other Reports: Type 6 Certification required by M&T only for Pretest and a "Rotational Capacity Test Report"

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If NOT Pretested: 3 - assemblies (each size) of nut, bolt, and washer per 100 assemblies.

Technician Certifications: (None)

Test Formats
1. Galvanized Metals - Version 6
   - Owning Lab: Chemical Lab
     - IA Type: None
     - Metric/English Code: English
   - Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   - Owning Lab: Chemical Lab
     - IA Type: None
     - Metric/English Code: Metric
   - Sample/Test Remarks:

3. Nuts, Bolts, And Washers Test - Version 7
   - Owning Lab: Physical Lab
     - IA Type: None
     - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009
Performed By: rpace
Check In: Changed ALT ID from No Match to Match/Alt ID required
Comment:
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Owner Lab</th>
<th>IA Type</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Steel Alloy - Version 5</td>
<td>Chemical Lab</td>
<td>None</td>
<td>Both</td>
<td>None</td>
</tr>
<tr>
<td>5. Steel Alloy - Version 5</td>
<td>Chemical Lab</td>
<td>None</td>
<td>Both</td>
<td>None</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009
Performed By: rpace
Check In: Changed ALT ID from No Match to Match/Alt ID required
Comment:
# North Carolina Department of Transportation
## Minimum Sampling Guide
### Bolts, High Strength

#### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Metric/English:** Both
- **From Date:** 06/13/2000
- **To Date:** 06/20/2000
- **Version:** 2.00

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

#### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If NOT Pretested: 3 - assemblies (each size) of nut, bolt, and washer per 100 assemblies.

**Technician Certifications:** (None)

#### Test Formats
1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

3. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/13/2000
**Performed By:** rpace
**Check In:** Removed by TWW to eliminate need for GR Test Results
**Comment:** to be entered.
## Test Formats

### 4. Steel Alloy - Version 5

- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:** None

### 5. Steel Alloy - Version 5

- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/13/2000  
**Performed By:** rpace  
**Check In:** Removed by TWW to eliminate need for GR Test Results  
**Comment:** to be entered.
## Minimum Sampling Guide

### Bolts, High Strength

#### General
- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

#### Status:
- **Version:** 3.02  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**  
- **Other Reports:** Type 6 Certification required by M&T only for Pretest and a "Rotational Capacity Test Report"

#### Testing Requirements

**Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
--- | --- | --- | ---
Verification | 8,000.00 | M&T Lab | M&T Lab

**Sample Comment:** Note: 0-800: 3 assemblies; 801- 8000: 6 assemblies; >8000: 9 assemblies.

**Technician Certifications:** (None)

### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

3. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
### Test Formats

<table>
<thead>
<tr>
<th>Test Format</th>
<th>Sample/Test Remarks</th>
<th>IA Type</th>
<th>Owning Lab</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Steel Alloy - Version 5</td>
<td>None</td>
<td>None</td>
<td>Chemical Lab</td>
<td>Both</td>
</tr>
<tr>
<td>5. Steel Alloy_ - Version 5</td>
<td>None</td>
<td>None</td>
<td>Chemical Lab</td>
<td>Both</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
Bolts, High Strength

General
- Group: Steel
- How Received: Material Receipt
- Metric/English: Both
- Status: Expired
- Version: 3.00
- From Date: 01/01/1999
- To Date: 12/31/2075

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Type 6 Certification required by M&T only for Pretest and a "Rotational Capacity Test Report"

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If NOT Pretested: 3 - assemblies (each size) of nut, bolt, and washer per 100 assemblies.

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   - Owning Lab: Chemical Lab
     - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   - Owning Lab: Chemical Lab
     - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

3. Nuts, Bolts, And Washers Test - Version 7
   - Owning Lab: Physical Lab
     - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

4. Steel Alloy - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

5. Steel Alloy_ - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** took off cert requirement.  
**Comment:**
### Bolts, High Strength

**General**

- **Group:** Steel
- **Status:** Current
- **Version:** 3.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

- **How Received:** Material Receipt
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Type 6 Certification required by M&T only for Pretest and a "Rotational Capacity Test Report"

#### Certification

- **Type:** 4: Certified Test Reports
- **Responsibility:**
  - M&T
  - RE
  - Both

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>8,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Note: 0-800: 3 assemblies; 801-8000: 6 assemblies; >8000: 9 assemblies.

**Technician Certifications:** (None)

#### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

4. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

5. Steel Alloy_ - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013  
**Comment:**
Bolts, High Strength

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 07/10/1998 To Date: 12/11/1999

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Type 6 Certification = "Rotational Capacity Test Report"; Pay Adj Required

Testing Requirements

Sample Comment: If NOT Prestested: 3 - assemblies each size of nut, bolt, and washer per lot by each manufacturer.

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Nuts, Bolts, And Washers Test - Version 7
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/10/1998
Performed By: dgreen
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
<table>
<thead>
<tr>
<th>Test Formats</th>
<th>IA Type</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Steel Alloy - Version 5</td>
<td>None</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab</strong>: Chemical Lab</td>
<td><strong>Sample/Test Remarks</strong>:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Steel Alloy - Version 5</td>
<td>None</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab</strong>: Chemical Lab</td>
<td><strong>Sample/Test Remarks</strong>:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/10/1998
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
**North Carolina Department of Transportation**

**Minimum Sampling Guide**

---

**Borrow Material For Quality**

**General**

Group: Soils  
Status: Current  
Version: 3.02  
From Date: 01/01/1999  
To Date: 12/31/2075

How Received: Not Received  
Metric/English: Metric  
Facility Type: (None)  
Default Auth Lab: Central GeoMaterials Lab  
Project Certification: Minor  
MSG Responsibility: Soils Lab

**Methods of Acceptance**

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: Optional  
Approved List: N/A  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity: ☐

Other Reports: Boring Log and Site plan; Prepayment Invoice Required

**Testing Requirements**

**Test Category**  
Source Approval/Evaluation: 1.00  
Project Personnel: M&T Lab

Sample Comment: Samples required per Borrow Pit Sample Guide. Sample size is 2 kg. bags. 4.5 boring per hectare

**Technician Certifications:**

- **Type**: Sampling  
  Certification(s): Borrow Pit Sampling Technician

**Test Formats**

1. Soils for Quality - Version 14

  **Owning Lab**: Soils Lab  
  **IA Type**: None  
  **Metric/English Code**: Both

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date**: 07/13/2010  
**Performed By**: rpace  
**Check In**: Corrected Certification Requirements  
**Comment**: 

---
**Borrow Material For Quality**

**General**

- **Group:** Grading
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Boring Log and Site plan;

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Samples required per Borrow Pit Sampling Manual. Sample size is 5-8 lbs. Sample Frequency is a minimum of 2 borings per acre. Samples are for source approval only.

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Borrow Pit Sampling Technician</td>
</tr>
</tbody>
</table>

**Test Formats**

1. **California Bearing Ratio Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/10/1998  **Performed By:** rpace

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  **Comment:** Production db
### Test Formats

#### 3. Soils for Quality - Version 14

<table>
<thead>
<tr>
<th>Metric/English Code: Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owning Lab: Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
</tr>
</tbody>
</table>

### Borrow Material For Quality

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Soils</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
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<td>Visual Inspection:</td>
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<tr>
<td>Catalog Cut:</td>
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<tr>
<td>Field Inspection:</td>
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<table>
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<tr>
<td>RE</td>
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<tr>
<td>Both</td>
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- **M&T 913 Report (Steel)**

#### Testing Requirements

**Sample Comment:**

- **Technician Certifications:** (None)

#### Test Formats

1. Soils for Quality - Version 14

<table>
<thead>
<tr>
<th>Metric/English Code: Both</th>
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<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>Owning Lab: Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
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</tbody>
</table>

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/10/1998  **Performed By:** rpace

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  **Comment:** Production db
**Borrow Material For Quality**

**General**

- **Group:** Soils
- **Status:** History
- **How Received:** Not Received
- **Version:** 2.01
- **From Date:** 09/04/2003
- **To Date:** 09/23/2006
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Boring Log and Site plan; Prepayment Invoice Required

**Testing Requirements**

- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Acceptance | 1.00 | Project Personnel | M&T Lab
  - Source Approval/Evaluation | 1.00 | Project Personnel | M&T Lab

**Sample Comment:** Samples required per Borrow Pit Sample Guide. Sample size is 2 kg. bags. 2 boring per hectare

**Technician Certifications:** (None)

**Test Formats**

1. Soils for Quality - Version 14

- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Borrow Material For Quality - Metric: Changed Acceptance from Sample/Test = Required to Optional; Inserted Test Catalog Cut: Certification: N/A

**Comment:** Borrow Material For Quality - Metric: Changed Acceptance from Sample/Test = Required to Optional; Inserted Test Catalog Cut: Certification: N/A
Borrow Material For Quality

General

Group: Soils                      Status: Expired
How Received: Not Received        Version: 3.01
Metric/English: English            From Date: 01/01/1999 To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A                      Certification: N/A
Alt ID Matching: (None)           Type
Sample/Test: Optional             Responsibility
Approved List: N/A                (None) M&T RE Both
Visual Inspection: N/A            (None) M&T RE Both
Catalog Cut: N/A                  (None) M&T RE Both
Field Inspection: N/A             M&T 913 Report (Steel)
Small Quantity: □
Other Reports: Boring Log and Site plan; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Source Approval/Evaluation | 1.00 | Project Personnel | M&T Lab

Sample Comment: Samples required per Borrow Pit Sample Guide. Sample size is 5 lbs. bags. 2 boring per acre

Technician Certifications:
Type | Certification(s)
Sampling | Borrow Pit Sampling Technician

Test Formats

1. California Bearing Ratio Test - Version 2
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Soils for Quality - Version 4
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/13/2010               Performed By: rpace
Check In: Corrected Certification Requirements
Comment:
Test Formats

3. Soils for Quality - Version 14

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<thead>
<tr>
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<tbody>
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<td></td>
<td></td>
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<tr>
<td>Metric/English Code:</td>
<td>Both</td>
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<tr>
<td></td>
<td>Sample/Test Remarks:</td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/13/2010
Performed By: rpace
Check In: Corrected Certification Requirements
Comment:
Borrow Material For Quality

General
Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Boring Log and Site plan; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1.00 Project Personnel M&T Lab
Source Approval/Evaluation 1.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats
1. California Bearing Ratio Test - Version 2
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Soils for Quality - Version 4
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Borrow Material For Quality - English: Changed
Comment: Acceptance from Sample/Test = Required to Optional; Inserted Test Category of Source Approval/Evaluation.

Certification: N/A
Type
(responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both
M&T 913 Report (Steel)
### Test Formats

3. **Soils for Quality - Version 14**

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<tr>
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<table>
<thead>
<tr>
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**Sample/Test Remarks:**

- **Comment:** Borrow Material For Quality - English: Changed
- **Action Date:** 11/15/2006
- **Performed By:** conv

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Borrow Material For Quality

## General

<table>
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<td>Central GeoMaterials Lab</td>
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## Methods of Acceptance

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**Certification:** N/A

**Responsibility**

- M&T
- RE
- Both

### M&T 913 Report (Steel)

## Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

## Test Formats

1. **California Bearing Ratio Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/10/1998
**Performed By:** rpace
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
### Borrow Material For Quality

#### General

<table>
<thead>
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<td>Default Auth Lab</td>
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<td>Soils Lab</td>
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#### Methods of Acceptance

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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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#### Certification(s)

<table>
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<td>M&amp;T RE Both</td>
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#### Certification(s) Type

1. California Bearing Ratio Test - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Soils for Quality - Version 4
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date

Action Date: 09/27/2006

### Performed By

Performed By: rpace

### Check In

Check In: corrected comment on hectare.

### Comment

Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Test Formats

3. Soils for Quality - Version 14

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Borrow Material For Quality

General
Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Boring Log and Site plan; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
Samples required per Borrow Pit Sample Guide.
Sample size is 2 kg. bags. 4.5 boring per hectare

Technician Certifications: (None)

Test Formats

1. Soils for Quality - Version 14

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Borrow Material For Quality

## General

<table>
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<tr>
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</table>

## Methods of Acceptance

| Pretest:          | N/A                                                                  |
| Alt ID Matching:  | (None)                                                               |
| Sample/Test:      | Required                                                             |
| Approved List:    | N/A                                                                  |
| Visual Inspection:| N/A                                                                  |
| Catalog Cut:      | N/A                                                                  |
| Field Inspection: | N/A                                                                  |
| Small Quantity:   |                                                                      |
| Other Reports:    | Boring Log and Site plan; Prepayment Invoice Required                |

## Certification:

<table>
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## Responsibility

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T 913 Report (Steel)

## Testing Requirements

**Sample Comment:** Samples required per Borrow Pit Sample Guide. Sample size is 5 lbs. bags. 2 boring per acre

**Technician Certifications:** (None)

## Test Formats

1. **California Bearing Ratio Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twittington  
**Check In:** tw - changed Borrow for Quality to MINOR  
**Comment:**

Borrow Material For Quality

General

Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: N/A

Type

<table>
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<tr>
<th>Responsibility</th>
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</table>

☐ M&T 913 Report (Steel)

Other Reports: Boring Log and Site plan; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 1.00 | Project Personnel | M&T Lab
Source Approval/Evaluation | 1.00 | Project Personnel | M&T Lab

Sample Comment: Samples required per Borrow Pit Sample Guide. Sample size is 2 kg. bags. 2 boring per hectare

Technician Certifications: (None)

Test Formats

1. Soils for Quality - Version 14

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Borrow Material For Quality

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
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<tr>
<td>How Received</td>
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## Methods of Acceptance

<table>
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<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Pretest</td>
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<tr>
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<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>Boring Log and Site plan; Prepayment Invoice Required</td>
</tr>
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## Testing Requirements

### Test Category

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
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<td>M&amp;T Lab</td>
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<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:

Samples required per Borrow Pit Sample Guide. Sample size is 5 lbs. bags. 2 boring per acre

### Technician Certifications:

(None)

## Test Formats

1. **California Bearing Ratio Test** - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Soils for Quality** - Version 4
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twhittington  
**Check In:** tww - changed Mech. Bearings to NON-CRITICAL  
**Comment:**
## Test Formats

3. **Soils for Quality - Version 14**

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### Borrow Material For Quality

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Soils</th>
</tr>
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<tbody>
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<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Boring Log and Site plan; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

#### Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T  \ RE \ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  \ RE \ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  \ RE \ Both</td>
</tr>
</tbody>
</table>

- **□ M&T 913 Report (Steel)**

#### Testing Requirements

**Sample Comment:** Samples required per Borrow Pit Sample Guide.
Sample size is 2 kg. bags.
2 boring per hectare

**Technician Certifications:** (None)

### Test Formats

1. **Soils for Quality - Version 14**

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>
### Brick, Clay

#### General

- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Minor  
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** No  

#### Testing Requirements

- **Sample Comment:** 10 units for each 50,000 units.  
  IA - One 3 brick sample per 500000 material units of measure on faction per project.

- **Technician Certifications:** (None)

#### Test Formats

1. **Clay Brick Test - Version 1**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **Clay Brick Test - Version 2**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
## Brick, Clay

### General

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Expired
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Certification Requirement

- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
    - M&T
    - RE
    - Both

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** A sample is 10 units.
- **Sample/Test Remarks:**

### Technician Certifications

- (None)

#### Test Formats

1. **Clay Brick Test - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Clay Brick Test - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
### Brick, Clay

#### General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>50,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- 10 - units for each 50,000 units.
- IA - One 3 brick sample per 500000 material units of measure on faction per project.

**Technician Certifications:** (None)

#### Test Formats

1. **Clay Brick Test - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Clay Brick Test - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Brick, Clay (Both) Changed How Received to Not Received  
**Comment:** Received.
Brick, Clay

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>50,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: 10 - units for each 50,000 units.
IA - One 3 brick sample per 500000 material units of measure on faction per project.

Technician Certifications: (None)

Test Formats

1. Clay Brick Test - Version 1
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

2. Clay Brick Test - Version 2
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In: Brick, Clay (Both) Changed How Received to Not Received.
Comment: Received.
Brick, Clay

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/16/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Pay Adj Required

Certification: N/A

Responsibility
(None)
(None)
(Nothing)
M&T 913 Report (Steel)

Testing Requirements

Sample Comment: 10 - units for each 50,000 units.
Technician Certifications: (None)

Test Formats

1. Clay Brick Test - Version 1
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Clay Brick Test - Version 2
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
North Carolina Department of Transportation

Minimum Sampling Guide

Brick, Clay

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
</tr>
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<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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Methods of Acceptance

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Type</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>Responsibility</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
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</table>

- M & T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: A sample is 10 units.

Test Formats

1. Clay Brick Test - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Clay Brick Test - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Brick, Concrete

General
Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 2.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
IA - Non-comparative 999,999.00 M&T Lab M&T Lab
Quality Control 100,000.00 M&T Lab M&T Lab
Quality Assurance 999,999.00 M&T Lab M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. 10 Units for First 100,000 Units for Quality Control
10 Units for 1,500,000 Units for Quality Assurance
10 Units for 3,000,000 Units for IA Non-comparative.

Technician Certifications: (None)

Test Formats
1. Concrete Block And Brick - Version 3
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Concrete Block and Brick - Version 3
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Brick, Concrete (Both) - Changed How Received to Not Received
Comment: Received.
Brick, Concrete

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Sample/Test Remarks: None

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
IA - Non-comparative | 999,999.00 | M&T Lab | M&T Lab
Quality Control | 100,000.00 | M&T Lab | M&T Lab
Quality Assurance | 999,999.00 | M&T Lab | M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. 10 Units for First 100,000 Units for Quality Control
10 Units for 1,500,000 Units for Quality Assurance
10 Units for 3,000,000 Units for IA Non-comparative.

Technician Certifications: (None)

Test Formats
1. Concrete Block And Brick - Version 3
   | Owning Lab: Physical Lab | Metric/English Code: Metric | Sample/Test Remarks:
   | IA Type: None |

2. Concrete Block and Brick - Version 3
   | Owning Lab: Physical Lab | Metric/English Code: English | Sample/Test Remarks:
   | IA Type: None |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/04/2008
Performed By: rpace
Check In Changed Group - Took out of concrete and added to Miscellaneous
## Brick, Concrete

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>3.03</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Concrete Brick &amp; Block</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>300,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>1,500,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>3,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: QC lot size is one plant run or 300,000 units, whichever occurs first. See appropriate QC/QA manual. A sample is 10 units.

Technician Certifications: (None)

### Test Formats

1. **Concrete Block And Brick - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. **Concrete Block and Brick - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - Metric/English Code: English
   - Sample/Test Remarks:
Brick, Concrete

General
Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports:

Testing Requirements
Test Category: Sample Frequency: Sampling Responsibility: Testing Responsibility:
IA - Non-comparative 999,999.00 M&T Lab M&T Lab
Quality Control 100,000.00 M&T Lab M&T Lab
Quality Assurance 999,999.00 M&T Lab M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. 10 Units for First 100,000 Units for Quality Control.
10 Units for 1,500,000 Units for Quality Assurance.
10 Units for 3,000,000 Units for IA Non-comparative.

Technician Certifications: (None)

Test Formats
1. Concrete Block And Brick - Version 3
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Concrete Block and Brick - Version 3
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Brick, Concrete (Both) - Changed How Received to Not Received.
Comment: Received.
### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Concrete Brick &amp; Block</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | Optional |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | [ ] |

#### Test Formats

1. **Concrete Block And Brick - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Concrete Block and Brick - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

### Testing Requirements

- **Sample Comment:** See appropriate QC/QA manual for sample frequency. 10 Units for First 100,000 Units for Quality Control. 10 Units for First 1,500,000 Units for Quality Assurance. 10 Units for First 3,000,000 Units for IA Non-comparative.

### Technician Certifications

- **(None)**

### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Brick, Concrete

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: Concrete Brick & Block
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

 Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>300,000.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>1,500,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>3,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: QC lot size is one plant run or 300,000 units, whichever occurs first. See appropriate QC/QA manual. A sample is 10 units.

Technician Certifications: (None)

Test Formats

1. Concrete Block And Brick - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

2. Concrete Block and Brick - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Bridge Control System (Complete)

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 1.00
From Date: 08/27/2008 To Date: 12/31/2075

Certification: Required

Responsibility
3: Manufacturer's Certification
  (None)
  (None)
  M&T  RE  Both

Tested by: Action Date: 08/27/2008
  M&T  RE  Both
  M&T  RE  Both
  M&T  RE  Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Bridge Control System (Complete)**

**General**

- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Bridge Control System (Complete)

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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### Certification

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
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<td>Buy America (None)</td>
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<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T Both</td>
</tr>
</tbody>
</table>

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date:
02/14/2013

### Performed By:
rpace

### Comment:
New 2013 MSG
Bridge Fender System - Plastic

General

Group: Structural
Status: Current

How Received: Material Receipt
Version: 1.02

Metric/English: Both
From Date: 03/20/2008

Facility Type: (None)
To Date: 12/31/2075

Default Auth Lab: Structural Members - Steel

Project Certification: Critical

MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Optional

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: []

Other Reports:

Testing Requirements

Test Category: Verification
Sample Frequency: 1.00
Sampling Responsibility: M&T Field
Testing Responsibility: M&T Field

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2008
Performed By: rpac

Check In: New MSG Groups 2013
Comment:
**Bridge Fender System - Plastic**

**General**
- **Group:** Structural
- **Status:** Expired
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Version:** 1.00
- **From Date:** 03/20/2008
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

**Testing Requirements**
- **Test Category**
  - Verification
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

**Sample Comment:**
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## General

<table>
<thead>
<tr>
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<tbody>
<tr>
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</tr>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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<td>Catalog Cut</td>
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### Certification

<table>
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<td>M&amp;T RE Both</td>
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- M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
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### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date

- 02/14/2013

### Performed By

- rpace

### Check In

- New 2013 MSG

### Comment

- New 2013 MSG
## Bridge Fender System - Hardware

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □

### Testing Requirements

<table>
<thead>
<tr>
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**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/21/2012  
**Performed By:** rpace

**Check In:** new  
**Comment:**
# Bridge Fender System - Hardware

**General**
- **Status:** Current
- **Version:** 1.01
- **From Date:** 06/21/2012
- **To Date:** 12/31/2075

## Methods of Acceptance

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<tr>
<td>Visual Inspection:</td>
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<td>Catalog Cut:</td>
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**Sample/Test:** N/A  
**Approver:** (None)

**Certification:** Required
- **Responsibility:** (None) M & T RE Both

### Testing Requirements

<table>
<thead>
<tr>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
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</table>

**Sample Comment:** (None)

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/21/2012  
**Performed By:** rpace

**Check In:** NEW MSG 2013  
**Comment:**
### Bridge Joints, Modular

#### General
- **Group:** Structural  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** Structural Steel  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members  

#### Status:
- **Version:** 5.00  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Status:** Expired  

#### Methods of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  
- **Inspection Type(s):** Structural Steel  

#### Certification:
- 1: Certified Mill Test Report  
- (None)  
- (None)  
- **Optional Type**  
- **Certification:** M&T 913 Report (Steel)  
- **Responsibility**

#### Small Quantity:
- [ ]

#### Other Reports:
- Must be stamped "NC DOT Approved"; Shop Drawing Required; Prepayment Invoice Required

#### Testing Requirements
- **Test Category**  
  - Pretest  
- **Sample Frequency**  
  - 999,999.00  
- **Sampling Responsibility**  
  - M&T Lab  
- **Testing Responsibility**  
  - M&T Lab  

#### Sample Comment:
- Pre-tested

#### Technician Certifications:
- (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Change MSG to coincide with new project certification  
**Comment:** requirements. rkp
### Bridge Joints, Modular

#### General
- **Group:** Structural
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 5.01
- **Metric/English:** Both
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Inspection Type(s):** Structural Steel

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** Pre-tested

**Technician Certifications:** (None)

---

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Bridge Joints, Modular

### General

<table>
<thead>
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<th>Field</th>
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<tbody>
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<td>Default Auth Lab</td>
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<tr>
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<tr>
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### Methods of Acceptance

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<tbody>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
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<td>M&amp;T 913 Report (Steel)</td>
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<tbody>
<tr>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: Pre-tested

Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2002  
**Performed By:** rpace  
**Check In:** Changed Alt id to no match for bridge joints. per cdg  
**Comment:**
### Bridge Joints, Modular

#### General
- **Group:** Structural
- **Status:** History
- **Version:** 4.00
- **From Date:** 09/24/2002
- **To Date:** 09/24/2002
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel

#### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Pretest | 999,999.00 | M&T Lab | M&T Lab

#### Certification
- **Type:** Optional
- **Responsibility:**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both
    - (None)
    - M&T
    - RE
    - Both
    - (None)
    - M&T
    - RE
    - Both
  - M&T 913 Report (Steel)

#### Other Reports
- Must be stamped "NC DOT Approved"; Shop Drawing Required; Prepayment Invoice Required

### Note
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Bridge Joints, Modular

### General
- **Group:** Structural
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 5.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

### Certification
- **Certification:** Optional
- **Type:**
  - 1: Certified Mill Test Report
  - Buy America
    - (None)

### Responsibility
- **Responsibility:**
  - M&T
  - RE
  - Both

### Testing Requirements
- **Test Category:** Pretest
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

### Sample Comment
- Pre-tested

### Technician Certifications
- (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**
## Bridge Joints, Modular

### General
- **Group:** Structural  
- **Status:** History  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **From Date:** 05/15/1997  
- **To Date:** 12/11/1999  
- **Version:** 1.00  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |
| Other Reports: | Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required |

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
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<tr>
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- M&T 913 Report (Steel)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** dgreene  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
**Bridge Joints, Modular**

**General**
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**From Date:** 09/04/2002 **To Date:** 09/04/2002

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

**Other Reports:** Must be stamped "NC DOT Approved"; Shop Drawing Required; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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**Sample Comment:** Pre-tested

**Technician Certifications:** (None)

---

**Certification:**
- **Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both

- **1:** Certified Mill Test Report
  - (None)

- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/04/2002 **Performed By:** dgreene

**Check In:** Added Facility Type and Must be stamped "NC DOT Approved" **Comment:** Approved
**Bridge Joints, Standard**

**General**
- **Group:** Structural
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 4.03
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Prepayment Invoice Required**

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

**Certification:**
- **Required Type:**
  - 3: Manufacturer's Certification
  - Buy America
  - M & T 913 Report (Steel)
  
**Responsibility:**
- M&T
- RE
- Both

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 02/27/2013

**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**
Bridge Joints, Standard

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 4.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
(None)
(None)

Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/09/2007
Performed By: rpace
Check In: Changes to not required FIR-rkp
Comment:
**Bridge Joints, Standard**

### General

- **Group:** Structural
- **Status:** Expired
- **Version:** 4.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M &amp; T</td>
<td>M &amp; T ○ RE ○ Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>○ M &amp; T ○ RE ○ Both</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>○ M &amp; T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M &amp; T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:** New 2013 MSG
Bridge Joints, Standard

General

- Group: Structural
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Status: History

- Version: 1.00
- From Date: 05/15/1997
- To Date: 12/11/1999

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997

Performed By: dgreene

Check In: Archive data come from Minimum Sampling Guide on v3.0

Comment: Production db
# Bridge Joints, Standard

## General
- **Group**: Structural
- **Status**: History
- **How Received**: Material Receipt
- **Version**: 2.00
- **Metric/English**: Both
- **Facility Type**: (None)
- **Default Auth Lab**: Structural Members - Steel
- **Project Certification**: Non-Critical
- **MSG Responsibility**: Structural Members

## Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

#### M&T 913 Report (Steel)

## Testing Requirements

- **Sample Comment**: Changed Bridge Joints to FIR
- **Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Bridge Joints, Standard

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: N/A
Other Reports: Prepayment Invoice Required

Certification: Required
Type
3: Manufacturer's Certification
(M) M&T (O) RE (O) Both
(Non) M&T (O) RE (O) Both
(Non) M&T (O) RE (O) Both
☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Bridge Joints, Standard - FIR required - Structural Steel
Comment: fdm
Bridge Joints, Standard

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 3.00
From Date: 02/09/2004 To Date: 02/09/2004

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: Required
Type
3: Manufacturer's Certification
   (None)
   (None)
Responsibility
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/09/2004
Performed By: dgreene
Check In: Bridge Joints, Standard - No Inspection By M&T
Comment: required.
Bridge Joints, Standard

General

Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required Inspection Type(s): Structural Steel

Certification: Required
Type
3: Manufacturer's Certification
(Both)
(Both)
M &T     RE
(Both)
(Both)

Responsibility
(Both)
M &T     RE
(Both)
M &T     RE
(Both)
M &T     RE
(Both)

M&T 913 Report (Steel)

Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Bridge Joints, Standard - FIR required - Structural Steel - Structural Members
Comment: fdm
## Minimum Sampling Guide

### Bridge Joints, Standard (Armored)

**General**

- **Group:** Structural
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Both
- **From Date:** 09/04/2002
- **To Date:** 09/04/2002
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

<table>
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<th>Pretest</th>
<th>Required</th>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
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<td>Small Quantity</td>
<td></td>
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</tbody>
</table>

**Other Reports:** Armor Must be stamped "NC DOT Approved"; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
<td>200.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</table>

**Sample Comment:** Pretested.

**Technician Certifications:** (None)

**Test Formats**

1. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/04/2002

**Performed By:** dgreene

**Check In:** Added Must be stamped "NC DOT Approved"

**Comment:**
## Bridge Joints, Standard (Armored)

### General
- **Group:** Structural
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** Both
- **From Date:** 02/05/2003
- **To Date:** 09/23/2006
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** No
- **Other Reports:** Armor Must be stamped "NC DOT Approved"; Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T</td>
<td>M&amp;T Field</td>
</tr>
<tr>
<td>3: Manufacturer's Certification</td>
<td>RE</td>
<td>RE Field</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Pretested.
- **Technician Certifications:** (None)

### Test Formats
1. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date:
11/15/2006

### Performed By:
conv

### Check In:
Change MSG to coincide with new project certification requirements. rkp
## Bridge Joints, Standard (Armored)

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>200.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pretested.

**Technician Certifications:** (None)

### Test Formats

1. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/24/2002  
**Performed By:** rpace  
**Check In:** Changed Bridge Joints to FIR

**Comment:**

---

**Technical Info**

- **Certification:** Optional
- **Type:**
  - 1: Certified Mill Test Report
  - 3: Manufacturer's Certification
  - M & T 913 Report (Steel)

- **Responsibility:**
  - M & T 〇 RE 〇 Both
  - M & T 〇 RE 〇 Both

---

**Sample/Test Remarks:**

- **IA Type:**
  - Owning Lab: Chemical Lab  
  - Metric/English Code: Both
  - Sample/Test Remarks:
# Bridge Joints, Standard (Armored)

## General

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
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<tr>
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<td>Default Auth Lab</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tr>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Inspection Type(s)</td>
<td>Structural Steel</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Armor Must be stamped &quot;NC DOT Approved&quot;; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

#### Sample Comment

Pretested.

#### Technician Certifications

(None)

### Test Formats

1. Nuts, Bolts, And Washers Test - Version 7
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: None

2. Steel Alloy - Version 5
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: None

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 01/01/1999  
**Performed By**: rpace  
**Check In**: Change MSG to coincide with new project certification  
**Comment**: requirements. rkp
### Bridge Joints, Standard (Armored)

#### General
- **Group:** Structural
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Critical Structural Members:** None
- **Structural Members - Steel:** Both
- **Expiry:**

<table>
<thead>
<tr>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/01/1999</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Inspection Type(s):** Structural Steel

**Other Reports:** Armor Must be stamped "NC DOT Approved"; Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pretested.

**Technician Certifications:** None

#### Test Formats

1. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Bridge Joints, Standard (Armored)

## General
- **Group**: Structural
- **Status**: Current
- **How Received**: Material Receipt
- **Version**: 3.02
- **Metric/English**: Both
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075
- **Default Auth Lab**: Structural Members - Steel
- **Project Certification**: Critical
- **MSG Responsibility**: Structural Members

## Methods of Acceptance
- **Pretest**: Required
- **Alt ID Matching**: No Match
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: Required
  - **Inspection Type(s)**: Structural Steel
- **Small Quantity**: No
- **Other Reports**: Armor Must be stamped "NC DOT Approved"; Prepayment Invoice Required

## Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment**: Pretested.

**Technician Certifications**: (None)

## Test Formats
1. **Nuts, Bolts, And Washers Test - Version 7**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None

2. **Steel Alloy - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None

**Metric/English Code**: Both

**Sample/Test Remarks**: 

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 02/27/2013  
**Performed By**: rpace

**Check In**: New MSG Groups 2013

**Comment**: 

# Buildings

## General

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## Methods of Acceptance

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<tr>
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<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
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<tr>
<td>Other Reports</td>
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## Certification

<table>
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<tr>
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<td>M&amp;T RE Both</td>
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<tr>
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- M&T 913 Report (Steel)

## Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Sample Comment</td>
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<tr>
<td>Technician Certifications</td>
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</table>

Action Date: 07/13/2010  
Performed By: rpace  
Check In: New MSG Groups 2013  
Comment: 
### Buildings

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

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<th>Type</th>
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- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
## Buildings

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 07/13/2010
- **To Date:** 12/31/2075

### Methods of Acceptance

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<td></td>
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- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements

- **Sample Comment:** New material type
- **Technician Certifications:** (None)

---

**Action Date:** 07/13/2010  
**Performed By:** rpace  
**Check In:** New material type  
**Comment:** 
Cable Guiderail

General

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<td>12/11/1999</td>
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<tr>
<td>Project Certification</td>
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<td></td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest          | Optional         | Certification | N/A |
| Alt ID Matching  | No Match         | Type          | M & T  RE  Both |
| Sample/Test      | Optional         | Responsibility | M & T  RE  Both |
| Approved List    | N/A              |              | M & T  RE  Both |
| Visual Inspection| N/A              |              | M & T  RE  Both |
| Catalog Cut      | N/A              |              | M & T  RE  Both |
| Field Inspection | N/A              |              | M & T  RE  Both |

| Small Quantity   | If temporary less than 200 feet | M&T 913 Report (Steel) |
| Other Reports    | Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required; Pay Adj Required |

Testing Requirements

| Sample Comment   | See Brand Certification Program for details |
| Technician Certifications | (None) |

Test Formats

1. Cable Guide Rail Test - Version 3

<table>
<thead>
<tr>
<th>Owning Lab</th>
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<tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997

Perform By: fmoody

Check In: Archive data come from Minimum Sampling Guide on v3.0

Comment: Production db
Cable Guiderail

General
- Group: Steel
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: ☑ If temporary less than 200 feet
- Other Reports: Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required; Pay Adj Required

Certification:
- Type: N/A
- Responsibility: (None)

- M&T 913 Report (Steel)

Testing Requirements
- Sample Comment: See Brand Certification Program for details
- Technician Certifications: (None)

Test Formats
1. Cable Guide Rail Test (Metric) - Version 1

   - Owning Lab: Physical Lab
   - IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Casing For Drilled Shaft - Permanent

## General
- **Group:** Structural  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

### Certification: Required Type

- **1: Certified Mill Test Report**
  - **Responsibility:** M&T ☒ RE ☐ Both
  - (None)

- **M&T 913 Report (Steel)**
  - ☐ M&T ☒ RE ☐ Both
  - (None)

## Testing Requirements

- **Sample Comment:** Change MSG to coincide with new project certification requirements. rkp
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Change MSG to coincide with new project certification requirements. rkp
### Casing For Drilled Shaft - Permanent

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
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<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
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**Methods of Acceptance**

<table>
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<tbody>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
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**Certification**

<table>
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<tr>
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</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
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</tr>
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</table>

**Testing Requirements**

**Sample Comment:**

- Change MSG to coincide with new project certification requirements. rkp

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: rpace  
Check In: Change MSG to coincide with new project certification requirements. rkp
Casing For Drilled Shaft - Permanent

General

Group: Structural
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required
Responsibility

1: Certified Mill Test Report
  ○ M&T ○ RE ○ Both
  (None)
  ○ M&T ○ RE ○ Both
  (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/03/2001
Performed By: rpace
Check In: Added new material type for casing for drilled shaft - permanent, metric
Casing For Drilled Shaft - Permanent

General

- Group: Structural
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Prepayment Invoice Required

Testing Requirements

- Sample Comment:
- Technician Certifications: (None)

Certification:

<table>
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M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/03/2001
Performed By: rpace
Check In: Added new material type for casing for drilled shaft - permanent, english
Casing For Drilled Shaft - Permanent

General

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<td>Default Auth Lab:</td>
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<td>Project Certification:</td>
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<tr>
<td>MSG Responsibility:</td>
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Methods of Acceptance

| Pretest:       | N/A                |
| Alt ID Matching: | (None)             |
| Sample/Test:   | N/A                |
| Approved List: | N/A                |
| Visual Inspection: | N/A              |
| Catalog Cut:   | N/A                |
| Field Inspection: | N/A               |
| Small Quantity: | ☐                  |
| Other Reports: | Prepayment Invoice Required |

Certification

<table>
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[☐] M&T 913 Report (Steel)

Testing Requirements

<table>
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<tr>
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| Technician Certifications: | (None) |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Casing For Drilled Shaft - Permanent

General

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Methods of Acceptance

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<tr>
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Testing Requirements

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Certificate

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<th>Responsibility</th>
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<tbody>
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<td>○ M&amp;T ○ RE ○ Both</td>
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<tr>
<td>Buy America (None)</td>
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<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Casing For Drilled Shaft - Temporary

General
Group: Structural
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report
(Non) M &T RE Both
(Non) M &T RE Both

Responsibility
☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/03/2001
Performed By: rpace
Check In: Added new material type for casing for drilled shaft - temporary, metric
Casing For Drilled Shaft - Temporary

General
Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report (None)
(Both)
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Casing For Drilled Shaft - Temporary

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.02
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required Type
1: Certified Mill Test Report
   (None)
   (None)

Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Casing For Drilled Shaft - Temporary

General
Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required Type
1: Certified Mill Test Report
   (None)
   (None)
   M&T 913 Report (Steel)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: Change MSG to coincide with new project certification
Comment: requirements. rkp
Casing For Drilled Shaft - Temporary

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Structural</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Status: Current

Version: 2.00

From Date: 01/01/1999   To Date: 12/31/2075

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Required</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>☐</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>☐</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>☐</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td></td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999   Performed By: rpace

Check In: Change MSG to coincide with new project certification
Comment: requirements. rkp
Casing For Drilled Shaft - Temporary

General

Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 08/03/2001
To Date: 08/03/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required

Certification:

Required Type
1: Certified Mill Test Report
   (None)
   (None)
   ☐ M&T 913 Report (Steel)
   ☐ M&T ☒ RE ☐ Both
   ☐ M&T ☒ RE ☐ Both
   ☐ M&T ☒ RE ☐ Both

Responsibility

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/03/2001
Performed By: rpace
Check In: Added new material type for casing for drilled shaft - temporary, english
## Cement, Portland

### General
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** Portland Cement  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 1/2 gallon sample per each 500 cubic yds of concrete, OR each 2000 ton railroad car, OR each 4th 500 ton Truck Load of Cement. Bag Cement - One 1/2 gal. sample per shipment.

### Technician Certifications:
- **(None)**

### Test Formats
1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/04/2002  
**Performed By:** twhillington  
**Check In:** Change to correct Acceptance Frequency to 2000 tons.  
**Comment:**

---
3. Portland Cement Type III - Version 10

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/04/2002
Performed By: twhiltington
Check In: Change to correct Acceptance Frequency to 2000 tons.
Comment:
Cement, Portland

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 3.00
From Date: 11/06/2002
To Date: 11/06/2002

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports:

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category          | Sample Frequency | Sampling Responsibility | Testing Responsibility |
------------------------|------------------|-------------------------|------------------------|
Acceptance              | 1,800.00         | Project Personnel       | M&T Lab                |
IA - Non-comparative    | 18,000.00        | M&T Field               | M&T Lab                |

Sample Comment: Ready-Mixed Concrete: One - 2 liter sample per each 400 cubic meters of concrete
Concrete Pavement: One - 2 liter sample per each 1800 metric ton Railroad Car OR each 4th 450 metric ton Truck Load of Cement. Bag Cement: One - 2 liter sample per shipment.

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II (Metric) - Version 6
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/06/2002
Performed By: twhittington
Check In
Comment: Fixed IA Sampling Responsibility
Test Formats

3. Portland Cement Type III (Metric) - Version 4

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks: None

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/06/2002
Performed By: twhillington
Check In: Fixed IA Sampling Responsibility
Comment:
Cement, Portland

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

[☐ M&T 913 Report (Steel)]

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Ready-Mixed Concrete: One - 1/2 gallon sample per each 500 cubic yds of concrete,
Concrete Pavement: One - 1/2 gallon sample per each 2000 ton railroad car,
OR each 4th 500 ton Truck Load of Cement.
Bag Cement - One 1/2 gal. sample per shipment.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. Portland Cement Type III - Version 10

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Physical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English Code:</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/04/2002  
**Performed By:** twhittington  
**Check In:** Updating Text Frequency.  
**Comment:**
Minimum Sampling Guide

Cement, Portland

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cementitious Matl.</td>
<td>Current</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Metric/English</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Cement</td>
<td>Physical Lab</td>
<td>Critical</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>5: Typical Certified Test Reports</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
One - 1 gallon sample per year from each approved ready mix or precast facility. One - 1 gallon sample per month from each approved prestressed concrete facility.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   
<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
<th>Sample/Test Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Lab</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Portland Cement Type I & II - Version 13
   
<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
<th>Sample/Test Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Lab</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2013

Performed By: rpace

Check In: New 2012 MSG

Comment:
## Test Formats

3. Portland Cement Type III - Version 10

<table>
<thead>
<tr>
<th>Owning Lab: Physical Lab</th>
<th>IA Type: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric/English Code: English</td>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/2013  
**Performed By:** rpace  
**Check In:** New 2012 MSG  
**Comment:**
### Cement, Portland

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Small Quantity:** N/A

#### Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Field</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance
- **Small Quantity:** N/A

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Ready-Mixed Concrete: One - 1/2 gallon sample per each 500 cubic yds of concrete, Concrete Pavement: One - 1/2 gallon sample per each 2000 ton railroad car, OR each 4th 500 ton Truck Load of Cement. Bag Cement - One 1/2 gal. sample per shipment.

**Technician Certifications:** (None)

#### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/06/2002  
**Performed By:** twittington  
**Check In:** Fixed IA Testing Responsibility  
**Comment:** 
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Formats</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Portland Cement Type III - Version 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td><strong>Metric/English Code:</strong> English</td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td><strong>Sample/Test Remarks:</strong></td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/06/2002
**Performed By:** twhillington
**Check In:** Fixed IA Testing Responsibility
**Comment:**
Cement, Portland

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 5.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Certification: Required
Type
5: Typical Certified Test Reports
- M&T
- RE
- Both

Responsibility
- M&T
- RE
- Both

M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Ready-Mixed Concrete: One - 1/2 gallon sample per each 500 cubic yds of concrete, Concrete Pavement: One - 1/2 gallon sample per each 200 ton railroad car, OR each 4th 50 ton Truck Load of Cement. Bag Cement - One 1/2 gal. sample per shipment.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpac
Check In: Corrected portland cement for concrete pavement
Comment: numbers. They were off by a factor of 10.
## Test Formats

3. Portland Cement Type III - Version 10

<table>
<thead>
<tr>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Corrected portland cement for concrete pavement numbers. They were off by a factor of 10.</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Cement, Portland

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Portland Cement</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest                  | N/A                        |
| Alt ID Matching          | (None)                     |
| Sample/Test              | Required                   |
| Approved List            | N/A                        |
| Visual Inspection        | N/A                        |
| Catalog Cut              | N/A                        |
| Field Inspection         | N/A                        |
| Small Quantity           | √                          |
| Other Reports            |                            |

### Certification

<table>
<thead>
<tr>
<th>Test</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Typical Certified Test Reports</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>(None)</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>18,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment

- Ready-Mixed Concrete: One - 2 Liter sample per each 400 cubic meters of concrete
- Concrete Pavement: One - 2 liter sample per each 180 metric ton Railroad Car OR each 4th 45 metric ton Truck Load of Cement
- Bag Cement: One - 2 liter sample per shipment

### Technician Certifications

<table>
<thead>
<tr>
<th>Certification</th>
<th>IA Type</th>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td></td>
<td>Chemical Lab</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

### Test Formats

1. **Cement Test - Version 19**

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Lab</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. **Portland Cement Type I & II (Metric) - Version 6**

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Lab</td>
<td>Metric</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes

- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
- Changed MSG group from Concrete to Misc.

**Action Date:** 12/08/2007  **Performed By:** rpace  **Check In:** Changed MSG group from Concrete to Misc.  **Comment:**
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Portland Cement Type III (Metric) - Version 4</td>
</tr>
</tbody>
</table>

| Metric/English Code: Metric |
| IA Type: None |
| Owning Lab: Physical Lab |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007  
Performed By: rpace  
Check In: Changed MSG group from Concrete to Misc.  
Comment:
# Minimum Sampling Guide

## Cement, Portland

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Ready-Mixed Concrete: One - 1/2 gallon sample per each 500 cubic yds of concrete, Concrete Pavement: One - 1/2 gallon sample per each 200 ton railroad car, OR each 4th 50 ton Truck Load of Cement. Bag Cement - One 1/2 gal. sample per shipment.

**Technician Certifications:** (None)

### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Corrected portland cement for concrete pavement  
**Comment:** numbers. They were off by a factor of 10.
Test Formats

3. Portland Cement Type III - Version 10

  **Owing Lab:** Physical Lab  
  **IA Type:** None  
  **Metric/English Code:** English

  **Sample/Test Remarks:**

  **Check In**  
  Corrected portland cement for concrete pavement  
  **Action Date:** 11/15/2006  
  **Performed By:** conv

  **Comment:** Corrected portland cement for concrete pavement  
  Numbers. They were off by a factor of 10.
# Cement, Portland

## General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
<th>Status:</th>
<th>Correcting</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>4.02</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Portland Cement</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

| Pretest:            | N/A                     |
| Alt ID Matching:    | (None)                  |
| Sample/Test:        | Required                |
| Approved List:      | N/A                     |
| Visual Inspection:  | N/A                     |
| Catalog Cut:        | N/A                     |
| Field Inspection:   | N/A                     |
| Small Quantity:     |                         |
| Other Reports:      |                         |

## Certification

<table>
<thead>
<tr>
<th>Certification:</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Responsibility</td>
<td></td>
</tr>
<tr>
<td>M &amp; T</td>
<td></td>
</tr>
<tr>
<td>RE</td>
<td></td>
</tr>
<tr>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5: Typical Certified Test Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
</tr>
<tr>
<td>(None)</td>
</tr>
<tr>
<td>M &amp; T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>18,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

## Sample Comment:

Concrete Pavement: One - 2 liter sample per each 1800 metric ton

## Technician Certifications:

(Not applicable)

## Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

2. **Portland Cement Type I & II (Metric) - Version 6**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. Portland Cement Type III (Metric) - Version 4

<table>
<thead>
<tr>
<th><strong>Owning Lab:</strong></th>
<th>Physical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IA Type:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Metric/English Code:</strong></td>
<td>Metric</td>
</tr>
</tbody>
</table>

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012  
**Performed By:** dimiller

**Check In**  
**Comment:**
### Cement, Portland

#### General
- **Group:** Cement  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** Portland Cement  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab

#### Status
- **Status:** Expired  
- **Version:** 5.04  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:**

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**  
1. One - 1 gallon sample per year from each approved ready mix or precast facility.  
2. One - 1 gallon sample per month from each approved prestressed concrete facility.

**Technician Certifications:** (None)

#### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/28/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**

---

- **Certification:** Required  
  - Type:  
  - Responsibility:
    - M&T
    - RE
    - Both
    - M&T
    - RE
    - Both
    - M&T
    - RE
    - Both

- **M&T 913 Report (Steel)**
### Test Formats

<table>
<thead>
<tr>
<th>#</th>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>Portland Cement Type III - Version 10</td>
<td>English</td>
<td></td>
</tr>
</tbody>
</table>

**Owing Lab:** Physical Lab  
**IA Type:** None  
**Comment:** New MSG 2013

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/28/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
Cement, Portland

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 5.03
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Certification: Required
Type
5: Typical Certified Test Reports
(Required)

Responsibility
M&T RE Both
M&T RE Both

Technician Certifications: (None)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 2,000.00 | M&T Field | M&T Lab

Sample Comment:
One - 1 gallon sample per year from each approved ready mix or precast facility.
One - 1 gallon sample per month from each approved prestressed concrete facility.

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: rpace
Check In: Corrected spelling
Comment: "Corrected spelling"
3. Portland Cement Type III - Version 10

**Owning Lab:** Physical Lab

**IA Type:** None

**Metric/English Code:** English

**Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 02/19/2013*  
*Performed By: rpace*  
*Check In: Corrected spelling*  
*Comment:*
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Cement, Portland

**General**
- **Group:** Concrete
- **Status:** Expired
- **Version:** 4.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>18,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Ready-Mixed Concrete: One - 2 Liter sample per each 400 cubic meters of concrete
Concrete Pavement: One - 2 liter sample per each 180 metric ton Railroad Car OR each 4th 45 metric ton Truck Load of Cement. Bag Cement: One - 2 liter sample per shipment.

**Technician Certifications:** (None)

### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II (Metric) - Version 6**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** rpace
**Check In:** Corrected portland cement for concrete pavement
**Comment:** numbers. They were off by a factor of 10.
Test Formats

3. Portland Cement Type III (Metric) - Version 4

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Check In: Corrected portland cement for concrete pavement
Comment: numbers. They were off by a factor of 10.
Action Date: 01/01/1999
Performed By: rpace

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Cement, Portland

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 5.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
Ready-Mixed Concrete: One - 1/2 gallon sample per each 500 cubic yds of concrete, Concrete Pavement: One - 1/2 gallon sample per each 200 ton railroad car, OR each 4th 50 ton Truck Load of Cement. Bag Cement - One 1/2 gal. sample per shipment.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   
   Owner Lab: Chemical Lab  
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
   
   Owner Lab: Physical Lab  
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Portland Cement Type III - Version 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English Code</th>
<th>Owner Lab</th>
<th>IA Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Physical Lab</td>
<td>None</td>
</tr>
</tbody>
</table>

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG group from Concrete to Misc.
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Cement, Portland

General
Group: Concrete
Status: History
How Received: Material Receipt
Version: 2.00
Metric/English: Metric
From Date: 10/04/2002
Facility Type: Portland Cement
To Date: 10/04/2002
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>18,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Ready-Mixed Concrete: One - 2 Liter sample per each 400 cubic meters of concrete
Concrete Pavement: One - 2 liter sample per each 1800 metric ton Railroad Car OR each 4th 450 metric ton Truck Load of Cement. Bag Cement: One - 2 liter sample per shipment.

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19
   
   Owner Lab: Chemical Lab
   IA Type: None

   Metric/English Code: Both

   Sample/Test Remarks:

2. Portland Cement Type I & II (Metric) - Version 6
   
   Owner Lab: Physical Lab
   IA Type: None

   Metric/English Code: Metric

   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/04/2002
Performed By: twittington
Check In: Update for Text Frequency
Comment:
Test Formats

3. Portland Cement Type III (Metric) - Version 4

Owning Lab: Physical Lab

IA Type: None

Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/04/2002
Performed By: twittington
Check In: Update for Text Frequency.
Comment:
Cement, Portland

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

Sample Comment: One - 1/2 gallon sample per each 500 cubic yds of concrete,
OR each Railroad Car,
OR each 4th Truck Load of Cement.
Bag Cement - One 1/2 gal. sample per shipment.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Portland Cement Type I & II - Version 13
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

3. Portland Cement Type III - Version 10
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/09/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Cement, Portland

#### General
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab  

#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |
| Other Reports: | Prepayment Invoice Required; Pay Adj Required |

#### Testing Requirements
- **Sample Comment:** One - 2 liter sample per each 400 cubic meters of concrete, OR each Railroad Car, OR each 4th Truck Load of Cement. Bag Cement: One - 2 liter sample per shipment.

#### Technician Certifications: (None)

#### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II (Metric) - Version 6**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

3. **Portland Cement Type III (Metric) - Version 4**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/09/1998  
**Performed By:** rpace  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Cement, Portland

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 3.01
From Date: 06/15/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports:

Certification: Required

Type
Responsibility
5: Typical Certified Test Reports
M &T RE Both
( None) M &T RE Both
( None) M &T RE Both

M & T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>18,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
Ready-Mixed Concrete: One - 2 liter sample per each 400 cubic meters of concrete
Concrete Pavement: One - 2 liter sample per each 180 metric ton Railroad Car OR each 4th 45 metric ton Truck Load of Cement. Bag Cement: One - 2 liter sample per shipment.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Portland Cement Type I & II (Metric) - Version 6
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
3. Portland Cement Type III (Metric) - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Metric
Sample/Test Remarks:

Cement, Portland - For Masonry

General
Group: Cement
Status: Expired
How Received: Material Receipt
Version: 1.03
From Date: 01/01/1999
To Date: 12/31/2075
Metric/English: Both

Facility Type: (None)
Default Auth Lab: Physical Lab

Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Required Certification: 3: Manufacturer's Certification
Sample/Test: Optional
Responsibility:

<table>
<thead>
<tr>
<th>Type</th>
<th>M &amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M &amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Sample/Test: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category                Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance                   50.00          | Project Personnel       | M&T Lab
Verification                 50.00          | Project Personnel       | M&T Lab

Sample Comment:
Sample taken at random from every 50 bags

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Cement, Portland - For Masonry

**General**

- **Group:** Cementitious Matl.
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Current
- **Version:** 1.04
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

**Certification:**

- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None) M&T RE Both
    - (None) M&T RE Both
    - M&T RE Both

- **M&T 913 Report (Steel)**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>50.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>50.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Sample taken at random from every 50 bags

**Technician Certifications:** (None)

**Test Formats**

1. Masonry Cement Test - Version 2

- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Cement, Portland - For Masonry

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:☐
Other Reports: Prepayment Invoice Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>50.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
<td>50.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sample taken at random from every 50 bags

Technician Certifications: (None)

Test Formats
1. Masonry Cement Test - Version 2

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Cement, Portland - For Masonry

#### General
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

#### Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:** Sample taken at random from every 50 bags
- **Technician Certifications:** (None)

#### Test Formats
1. **Masonry Cement Test - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:** 
Cement, Portland - For Masonry

General
- Group: Concrete
- How Received: Not Received
- Metric/English: Both
- Status: Expired
- Version: 1.00
- From Date: 01/01/1999
- To Date: 12/31/2075

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
  Acceptance | 50.00 | Project Personnel | M&T Lab
  IA - Non-comparative | 50.00 | Project Personnel | M&T Lab

Sample Comment: Sample taken at random from every 50 bags

Technician Certifications: (None)

Test Formats
1. Masonry Cement Test - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks: M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v6conv
Check In: Updated for 50 bags.
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Cement, Portland Cement for Concrete Pavement

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 5.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: Required
Type
Responsibility

5: Typical Certified Test Reports
(M&T) (RE) (Both)
(Both)
(Both)

M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 200.00 Project Personnel M&T Lab
IA - Non-comparative 2,000.00 M&T Field M&T Lab

Sample Comment: Concrete Pavement: One - 1 gallon sample per each 200 tons

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19
Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: bhunter
Check In: okay
Comment:
Cement, Portland Cement for Concrete Pavement

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
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</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
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<tr>
<td>Metric/English</td>
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<td>From Date</td>
<td>02/19/2013</td>
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<tr>
<td>Facility Type</td>
<td>Portland Cement</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<td>Small Quantity</td>
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Other Reports

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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</table>

M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,250.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: From each actively producing facility per project, Resident Engineer's personnel shall take one 1-gallon sample from the concrete facility for every 1250 tons of cement used.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013

Performed By: bhunter

Check In: okay

Comment:
# Cement, Portland Cement for Concrete Pavement

## General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Cement</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
<td>Portland Cement</td>
</tr>
<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
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## Status
- **Status:** Expired
- **Version:** 1.01
- **From Date:** 02/19/2013
- **To Date:** 12/31/2075

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
</tbody>
</table>

## Small Quantity
- **Small Quantity:** No

## Other Reports
- **Other Reports:** None

## Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,250.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

## Sample Comment
- From each actively producing facility per project, Resident Engineer's personnel shall take one -1-gallon sample from the concrete facility for every 1250 tons of cement used.

## Technician Certifications
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/28/2013

**Performed By:** rpace

**Check In:** New MSG 2013

**Comment:** None
Cement, Portland Cement for Concrete Pavement

General
Group: Cementitious Matl.  Status: Current
How Received: Material Receipt  Version: 1.02
Metric/English: English  From Date: 02/19/2013  To Date: 12/31/2075
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  1,250.00  Project Personnel  M&T Lab
Verification  5,000.00  M&T Field  M&T Lab

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports (None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Sample Comment: From each actively producing facility per project, Resident Engineer's personnel shall take one 1-gallon sample from the concrete facility for every 1250 tons of cement used.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Cement, Portland Cement for Latex Modified Concrete

### General
- **Group:** Miscellaneous  
- **Status:** Working  
- **Version:** 1.00  
- **From Date:** 02/19/2013  
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** No
- **Other Reports:**

#### Certification
- **Type:** Required
- **Responsibility**
  - M&T
  - RE
  - Both

#### M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** From each active project, resident Engineer's personnel shall take one - 1 gallon sample from the tanker/truck for every 100 cy of concrete used in latex modified concrete.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013  
**Performed By:** bhunter  
**Check In**  
**Comment:**
**Cement, Portland Cement for Latex Modified Concrete**

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

### Certification
- **Type:** Required
- **Responsibility:**
  - 5: Typical Certified Test Reports
    - (None)
    - (None)
  - M&T 913 Report (Steel)

### Testing Requirements
- **Acceptance**
  - **Sample Frequency:** 100.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab

**Sample Comment:** From each actively producing facility per project, Resident Engineer's personnel shall take one -1-gallon sample from the concrete facility for every 100 cy of cement used.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013  
**Performed By:** bhunter

**Check In**
**Comment:**
## Cement, Portland for Stabilization

### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 1.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Test Category**
  - **Acceptance**
  - **Sample Frequency:** 500.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab
- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. Cement Test - Version 19
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**
2. Portland Cement Type I & II (Metric) - Version 6
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/12/2007
**Performed By:** rpace
**Check In:** Changed sampling responsibility from producer to project personnel
**Comment:** Changed sampling responsibility from producer to project personnel
# Cement, Portland for Stabilization

## General
- **Group**: Miscellaneous
- **Status**: Correcting
- **Version**: 1.03
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075
- **How Received**: Ticket
- **Metric/English**: Metric
- **Facility Type**: Portland Cement
- **Default Auth Lab**: Physical Lab
- **Project Certification**: Critical
- **MSG Responsibility**: Physical Lab

### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: 
- **Other Reports**: 

### Certification
- **Type**: Required
- **Responsibility**
  - 5: Typical Certified Test Reports
  - (None)
  - (None)

### Testing Requirements
- **Test Category**: Acceptance
- **Sample Frequency**: 500.00
- **Sampling Responsibility**: Project Personnel
- **Testing Responsibility**: M&T Lab

### Sample Comment:
- **Technician Certifications**: (None)

### Test Formats
1. **Cement Test - Version 19**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

2. **Portland Cement Type I & II (Metric) - Version 6**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: 

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date**: 02/22/2012

**Performed By**: dimiller

**Check In Comment**: 
Cement, Portland for Stabilization

General

Group: Cementitious Matl.  
How Received: Ticket  
Metric/English: English  
Facility Type: Portland Cement  
Default Auth Lab: Physical Lab  
Project Certification: Critical  
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: Required  
Approved List: N/A  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,250.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2013  
Performed By: rpace  
Check In: New 2012 MSG  
Comment:
Cement, Portland for Stabilization

General
- **Group:** Concrete
- **Status:** Expired
- **How Received:** Ticket
- **Version:** 1.00
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A

Certification:
- **Required Type:**
  - 5: Typical Certified Test Reports

Responsibility
- M&T
- RE
- Both

Sample/Test Remarks:
- M&T 913 Report (Steel)

Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 500.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

Sample Comment:
- Technician Certifications: (None)

Test Formats
1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**
2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v6conv
Check In: Added Cement, Portland for Stabilization, English
Comment:
Cement, Portland for Stabilization

General

Group: Concrete
How Received: Ticket
Metric/English: Metric
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Sample/Test Remarks: 

Testing Requirements

Test Category: Acceptance
Sample Frequency: 500.00
Sampling Responsibility: Producer/Supplier
Testing Responsibility: M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Portland Cement Type I & II (Metric) - Version 6
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Added Cement, Portland for Stabilization, Metric
Comment:
Cement, Portland for Stabilization

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Cement</th>
<th>Status</th>
<th>Expired</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Ticket</td>
<td>Version</td>
<td>1.04</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Portland Cement</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest       | N/A              |
| Alt ID Matching | (None)         |
| Sample/Test   | Required         |
| Approved List | N/A              |
| Visual Inspection | N/A          |
| Catalog Cut   | N/A              |
| Field Inspection | N/A            |
| Small Quantity |                  |
| Other Reports |                  |

Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Sample/Test Remarks: None

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,250.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks: None

2. Portland Cement Type I & II - Version 13
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Cement, Portland for Stabilization

General

Group: Miscellaneous
How Received: Ticket
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.03
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 1,250.00 | Project Personnel | M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   
   Ownining Lab: Chemical Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
   
   Ownining Lab: Physical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
Cement, Portland for Stabilization

General
Group: Miscellaneous
How Received: Ticket
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 500.00 | Project Personnel | M&T Lab

Sample Comment: technician certifications: (None)

Test Formats
1. Cement Test - Version 19
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007 Performed By: rpace
Check In Changed MSG Group from Concrete to Misc.
Comment:
Cement, Portland for Stabilization

General

Group: Miscellaneous
How Received: Ticket
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Sample/Test Remarks: None
IA Type: None

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19

   Owning Lab: Chemical Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13

   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Cement, Portland for Stabilization

General

Group: Miscellaneous
How Received: Ticket
Metric/English: Metric
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 1.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Test Category: Acceptance
Sample Frequency: 500.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II (Metric) - Version 6
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG Group from Concrete to Misc.
Comment:
## Cement, Portland, Alkalinity Check

### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 1.01
- **From Date:** 01/18/2007
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A

### Testing Requirements
**Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
--- | --- | --- | ---
Verification | 20,000.00 | M&T | M&T Lab

**Sample Comment:**
- Ready-Mixed Concrete: One 1/4 gallon sample prior to start of Ready Mix Concrete Operations.
- Concrete Pavement: One 1/4 gallon sample prior to beginning paving operations

**Technician Certifications:** (None)

### Test Formats
1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/18/2007  
**Performed By:** rpace  
**Check In:** Added Test Format  
**Comment:**
Cement, Portland, Alkalinity Check

General
Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 1.02
From Date: 01/18/2007 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports:

Certification: Required
Type
5: Typical Certified Test Reports
(Required)
Responsibility
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 20,000.00 M&T Field M&T Lab

Sample Comment:
Ready-Mixed Concrete: One - 1/4 gallon sample prior to start of Ready Mix Concrete Operations.
Concrete Pavement: One - 1/4 gallon sample prior to beginning paving operations

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Cement, Portland, Alkalinity Check

## General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 01/18/2007
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | □ |

### Certification

#### Type
- 5: Typical Certified Test Reports
- (None)

#### Responsibility
- M&T
- RE
- Both

- M&T 913 Report (Steel)

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Ready-Mixed Concrete: One -1/4 gallon sample prior to start of Ready Mix Concrete Operations. Concrete Pavement: One -1/4 gallon sample prior to beginning paving operations.

### Technician Certifications:
- (None)

## Test Formats

1. Cement Test - Version 19

- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**
North Carolina Department of Transportation
Minimum Sampling Guide

Cement, Portland, Alkalinity Check

General

Group: Cementitious Matl.  Status: Current
How Received: Not Received  Version: 1.05
Metric/English: English  From Date: 01/18/2007  To Date: 12/31/2075
Facility Type: Portland Cement
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: Required  Responsibility
Approved List: N/A  M &T  RE  Both
Visual Inspection: N/A  (None)  M &T  RE  Both
Catalog Cut: N/A  (None)
Field Inspection: N/A  M &T  RE  Both
Small Quantity:  M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
Ready-Mixed Concrete: One - cup plastic container (1/4 pound) sample prior to start of Ready Mix Concrete Operations.
Concrete Pavement: One - cup plastic container (1/4 pound) sample prior to beginning paving operations

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19

Owning Lab: Chemical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Cement, Portland, Alkalinity Check

General
Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 1.03
From Date: 01/18/2007 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ❑

Certification: Required
Type
5: Typical Certified Test Reports
(Both)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 20,000.00 M&T Field M&T Lab

Sample Comment: Ready-Mixed Concrete: One - cup plastic container (1/4 pound) sample prior to start of Ready Mix Concrete Operations.
Concrete Pavement: One - cup plastic container (1/4 pound) sample prior to beginning paving operations

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Cement, Portland, Alkalinity Check

General
Group: Cement
How Received: Not Received
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 1.04
From Date: 01/18/2007 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: Required
Type
5: Typical Certified Test Reports
(Required)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

Sample/Test Remarks: M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 20,000.00 M&T Field M&T Lab

Sample Comment:
Ready-Mixed Concrete: One - cup plastic container (1/4 pound) sample prior to start of Ready Mix Concrete Operations.
Concrete Pavement: One - cup plastic container (1/4 pound) sample prior to beginning paving operations

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Chemistry, Other

General
Group: Miscellaneous
Status: Expired
How Received: Not Received
Version: 1.01
Metric/English: Both
From Date: 01/01/1999 To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Certification: N/A
Responsibility
Type
(None)
(None)
(None)
M&T RE Both
M&T RE Both
M&T RE Both
M&T 913 Report (Steel)
Optional
Optional
Optional

Sample/Test Remarks:
Contact Chemical Laboratory for Sampling Methods if needed.

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Informational 100,000,000.00 M&T Field M&T Lab

Sample Comment:
Contact Chemical Laboratory for Sampling Frequency if needed.

Technician Certifications:
(None)

Test Formats
1. Chemical Miscellaneous Test - Version 8

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpase
Check In: New 2013 MSG
Comment:
### General

**Group:** Miscellaneous  
**How Received:** Not Received  
**Metric/English:** Both  
**Facility Type:** (None)  
**Default Auth Lab:** Chemical Lab  
**Project Certification:** Minor  
**MSG Responsibility:** Chemical Lab

**Status:** Expired  
**Version:** 1.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | |

**Other Reports:** Contact Chemical Laboratory for Sampling Methods if needed.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Informational</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Contact Chemical Laboratory for Sampling Frequency if needed.

**Technician Certifications:** (None)

### Test Formats

1. Chemical Miscellaneous Test - Version 8

   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** twhillington  
**Check In:** New as requested by Peoples.

**Comment:**

---
Chemistry, Other

General

Group: Miscellaneous  Status: Current
How Received: Not Received  Version: 1.02
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Contact Chemical Laboratory for Sampling Methods if needed.

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Informational  100,000,000.00  M&T Field  M&T Lab

Sample Comment: Contact Chemical Laboratory for Sampling Frequency if needed.

Technician Certifications: (None)

Test Formats

1. Chemical Miscellaneous Test - Version 8

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# North Carolina Department of Transportation

## Minimum Sampling Guide

### Coarse Aggregate

#### General
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>Yes</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Pay Adj Required</td>
</tr>
</tbody>
</table>

#### Testing Requirements

- **Sample Comment:**
  - Technician Certifications: (None)

#### Test Formats

1. **Coarse Aggregate - Version 6**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **IA Aggregate Program - Version 3**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/27/1997

**Performed By:** twhittington

**Comment:** Archive data come from Minimum Sampling Guide on v3.0 Production db
### Coarse Aggregate

**General**

- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Status:** History  
**Version:** 1.00  
**From Date:** 03/27/1997  
**To Date:** 12/11/1999

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Pay Adj Required</td>
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</table>

**Testing Requirements**

**Sample Comment:**

- Technician Certifications: (None)

**Test Formats**

1. **Coarse Aggregate - Version 6**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **IA Aggregate Program - Version 3**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Aggregate Program
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/27/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Concrete Cores

General

Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 03/30/1998 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: As required by engineer
Technician Certifications: (None)

Test Formats

1. Cement Content - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |
   | Metric/English Code: Both |
   | Sample/Test Remarks: |

2. Concrete Cores Test - Version 5
   
   | Owning Lab: Physical Lab |
   | IA Type: None |
   | Metric/English Code: English |
   | Sample/Test Remarks: |

3. Concrete Cores Test (Metric) - Version 1
   
   | Owning Lab: Physical Lab |
   | IA Type: None |
   | Metric/English Code: Metric |
   | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/30/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Test Formats

4. Concrete Pipe Cores Test - Version 3  
   - **Owning Lab**: Physical Lab  
   - **IA Type**: None  
   - **Metric/English Code**: English  
   - **Sample/Test Remarks**: 

5. Paving Cores Test - Version 4  
   - **Owning Lab**: Physical Lab  
   - **IA Type**: None  
   - **Metric/English Code**: English  
   - **Sample/Test Remarks**: 

6. Paving Cores Test (metric) - Version 2  
   - **Owning Lab**: Physical Lab  
   - **IA Type**: None  
   - **Metric/English Code**: Metric  
   - **Sample/Test Remarks**: 

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 03/30/1998  
**Performed By**: rpace  
**Check In**: Archive data come from Minimum Sampling Guide on v3.0  
**Comment**: Production db
## Concrete Cores

### General

- **Group:** Concrete  
- **Status:** Expired  
- **How Received:** Not Received  
- **Version:** 3.00  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Minor  
- **MSG Responsibility:** Field Section  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required  
- **Certification:** N/A  
- **Responsibility:** (None)  
  - M&T  
  - RE  
  - Both

### Testing Requirements

- **Test Category:** Investigative  
- **Sample Frequency:** 1.00  
- **Sampling Responsibility:** M&T Lab  
- **Testing Responsibility:** M&T Lab  
- **Sample Comment:** As required by engineer  
- **Technician Certifications:** (None)  

#### Test Formats

1. **Cement Content - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Concrete Cores Test - Version 5**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

3. **Concrete Cores Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date

- **01/01/1999**

### Performed By

- **v5conv**

### Check In

- **tww - changed Conc. Pvmt - Patching to NON-CRITICAL**

### Comment

- **tww - changed Conc. Pvmt - Patching to NON-CRITICAL**
## Test Formats

<table>
<thead>
<tr>
<th>No.</th>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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</thead>
<tbody>
<tr>
<td>4.</td>
<td>Concrete Pipe Cores Test - Version 3</td>
<td>English</td>
<td></td>
</tr>
<tr>
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<td><strong>Owning Lab:</strong> Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>IA Type:</strong> None</td>
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<td></td>
</tr>
<tr>
<td>5.</td>
<td>Paving Cores Test - Version 4</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td></td>
<td></td>
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<td><strong>IA Type:</strong> None</td>
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<td>6.</td>
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<td>Metric</td>
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<td><strong>Owning Lab:</strong> Physical Lab</td>
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</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: v5conv  
Check In: tww - changed Conc. Pvmnt - Patching to NON-CRITICAL  
Comment:
## Concrete Cores

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Test Category:** Investigative
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

**Sample Comment:** As required by engineer

**Technician Certifications:** (None)

### Test Formats

#### 1. Cement Content - Version 5
- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

#### 2. Concrete Cores Test - Version 5
- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

#### 3. Concrete Cores Test (Metric) - Version 1
- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** Metric
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/04/2008
**Performed By:** rpace
**Check In:** Changed Group - Took out of concrete and added to
**Comment:** Miscellaneous
Test Formats

4. Concrete Pipe Cores Test - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

5. Paving Cores Test - Version 4
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

6. Paving Cores Test (metric) - Version 2
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/04/2008  
**Performed By:** rpace

**Check In:** Changed Group - Took out of concrete and added to
**Comment:** Miscellaneous
### Concrete Cores

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
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<td>Facility Type</td>
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</tr>
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#### Methods of Acceptance

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<tbody>
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<tr>
<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td>□</td>
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<tr>
<td>Other Reports</td>
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#### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Sample Comment</td>
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</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

#### Test Formats

1. **Concrete Cores Test - Version 5**
   - **Owning Lab:** Chemical Lab  
     - **IA Type:** None  
     - **Metric/English Code:** Both
     - **Sample/Test Remarks:**

2. **Concrete Cores Test - Version 5**
   - **Owning Lab:** Physical Lab  
     - **IA Type:** None  
     - **Metric/English Code:** English
     - **Sample/Test Remarks:**

3. **Concrete Cores Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab  
     - **IA Type:** None  
     - **Metric/English Code:** Metric
     - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twhitington  
**Check In:** tww - changed Conc. Pvmt - Patching to NON-CRITICAL  
**Comment:**

M &T 913 Report (Steel)
### Test Formats

<table>
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<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
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<tbody>
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<td>Concrete Pipe Cores Test - Version 3</td>
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</tr>
<tr>
<td>Paving Cores Test - Version 4</td>
<td>English</td>
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<td>Type: None</td>
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<tr>
<td>Paving Cores Test (metric) - Version 2</td>
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<tr>
<td>Ownership: Physical Lab</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/23/2000
Performed By: twhittington
Check In: tww - changed Conc. Pvmt - Patching to NON-CRITICAL
Comment:
Concrete Cores

General

Group: Concrete  
How Received: Not Received  
Metric/English: Both  
Facility Type: (None)  
Default Auth Lab: Physical Lab  
Project Certification: Critical  
MSG Responsibility: Field Section  
Status: Current  
Version: 3.03  
From Date: 01/01/1999  
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: Required  
Approved List: N/A  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Certification: N/A

Responsibility

☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both

Sample/Test Remarks:

☐ M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One core per 1333 sy of concrete pavement. One core per placement for strength investigation. One core per pour for bond strength. One core per 20000 If for absorption. For cement content analysis call the Chemical Lab.

Technician Certifications: (None)

Test Formats

1. Cement Content - Version 5

Owning Lab: Chemical Lab  
IA Type: None  
Metric/English Code: Both  
Sample/Test Remarks:

2. Concrete Cores Test - Version 5

Owning Lab: Physical Lab  
IA Type: None  
Metric/English Code: English  
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

3. **Concrete Cores Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

4. **Concrete Pipe Cores Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

5. **Paving Cores Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

6. **Paving Cores Test (metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013

**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**

## Concrete Cores

### General
- **Group:** Concrete
- **Status:** History
- **Version:** 2.01
- **From Date:** 06/28/2001
- **To Date:** 09/23/2006

### Methods of Acceptance
- **Sample/Test:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Certification:** N/A
- **Responsibility:** M&T 913 Report (Steel)
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Certification:** N/A
- **Responsibility:** M&T 913 Report (Steel)
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

### Testing Requirements
- **Sample Comment:** As required by engineer
- **Technician Certifications:** (None)

### Test Formats
1. **Cement Content - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Concrete Cores Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Concrete Cores Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** tww - changed Conc. Pvmt - Patching to NON-CRITICAL

**Comment:** 

---

**Page:** 490 of 2668

**Date:** 03/18/2019
### Test Formats

<table>
<thead>
<tr>
<th>No.</th>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>IA Type</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>Concrete Pipe Cores Test - Version 3</td>
<td>English</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Paving Cores Test - Version 4</td>
<td>English</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Paving Cores Test (metric) - Version 2</td>
<td>Metric</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006 **Performed By:** conv

**Check In:** tww - changed Conc. Pvmt - Patching to NON-CRITICAL **Comment:**
## Concrete Cores

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Not Received</td>
<td>Version</td>
<td>3.02</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

- **M&T 913 Report (Steel)**

### Testing Requirements

#### Test Category

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment

One core per 1333 sy of concrete pavement. One core per placement for strength investigation. One core per pour for bond strength. One core per 20000 lf for absorption. For cement content analysis call the Chemical Lab.

#### Technician Certifications

(None)

### Test Formats

1. **Cement Content - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Concrete Cores Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**

<table>
<thead>
<tr>
<th>Test Formats</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Concrete Cores Test (Metric) - Version 1</td>
<td>Metric</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
</tr>
<tr>
<td>4. Concrete Pipe Cores Test - Version 3</td>
<td>English</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
</tr>
<tr>
<td>5. Paving Cores Test - Version 4</td>
<td>English</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
</tr>
<tr>
<td>6. Paving Cores Test (metric) - Version 2</td>
<td>Metric</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Physical Lab</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  
Performed By: rpace  
Check In: New 2013 MSG  
Comment:
## Concrete Cylinders for Corrosion Inhibitors

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status</td>
<td>Expired</td>
</tr>
<tr>
<td>Version</td>
<td>2.01</td>
</tr>
<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

Two sets of cylinders at two cylinders per set.

English: per 100 cubic yards.

Metric: per 76.5 cubic meters.

**Technician Certifications:**

(Non)

### Test Formats

1. **Calcium Nitrite Corrosion Inhibitors - Version 12**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

2. **Calcium Nitrite Corrosion Inhibitors (Metric) - Version 5**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete Cylinders for Corrosion Inhibitors

### General

- **Group:** Concrete
- **Status:** Current
- **How Received:** Not Received
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 30 gram (1 oz) sample, sealed in plastic bag, of powder drilled from cylinders taken at the Live and Dead End for prestressed members. For all other concrete take powder sample from acceptance cylinder. See Chemical Lab procedures C-20.1

**Technician Certifications:** (None)

### Test Formats

1. **Calcium Nitrite Corrosion Inhibitors - Version 12**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Calcium Nitrite Corrosion Inhibitors (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Concrete Cylinders for Corrosion Inhibitors

General

Group: Concrete

Status: History

Version: 1.00

From Date: 08/30/1999  To Date: 12/11/1999

How Received: Not Received

Metric/English: Both

Facility Type: (None)

Default Auth Lab: Chemical Lab

Project Certification: Non-Critical

MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Required

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: 

Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment: 2 sets of cylinders at 2 cylinders per set for each end of the bed. English: Per 100 cubic yards. Metric: Per 76.5 cubic meters.

Technician Certifications: (None)

Test Formats

1. Calcium Nitrite Corrosion Inhibitors - Version 12
   
   **Owning Lab**: Chemical Lab
   
   **IA Type**: None
   
   **Metric/English Code**: English
   
   **Sample/Test Remarks**: 

2. Calcium Nitrite Corrosion Inhibitors (Metric) - Version 5

   **Owning Lab**: Chemical Lab
   
   **IA Type**: None
   
   **Metric/English Code**: Metric
   
   **Sample/Test Remarks**: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/30/1999  Performed By: thjones

Check In: Archive data come from Minimum Sampling Guide on v3.0

Comment: Production db
Concrete Cylinders for Corrosion Inhibitors

General
Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Certification: N/A
Responsibility:

Testing Requirements
Test Category: Acceptance
Sample Frequency: 100.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Lab

Sample Comment:
Two sets of cylinders at two cylinders per set. English: per 100 cubic yards. Metric: per 76.5 cubic meters.

Technician Certifications: (None)

Test Formats
1. Calcium Nitrite Corrosion Inhibitors - Version 12
   Owned Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Calcium Nitrite Corrosion Inhibitors (Metric) - Version 5
   Owned Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 01/01/1999
Performed By: rpace
Check In: Change MSG to coincide with new project certification
Comment: requirements. rkp
## Concrete Cylinders for Corrosion Inhibitors

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 2.02
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 30 gram (1 oz) sample, sealed in plastic bag, of powder drilled from cylinders taken at the Live and Dead End for prestressed members. For all other concrete take powder sample from acceptance cylinder. See Chemical Lab procedures C-20.1

**Technician Certifications:** (None)

### Test Formats

1. **Calcium Nitrite Corrosion Inhibitors - Version 12**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Calcium Nitrite Corrosion Inhibitors (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
## Concrete for Concrete Pavement

### General
- **Group:** Concrete
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Pay Adj Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **Certification:** N/A
- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:** One Set of Beams Per Sub-Lot
- **Technician Certifications:** (None)

### Test Formats
1. **Concrete Beam Test - Version 3**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

| Action Date: 02/12/1998 | Performed By: dgreene | Check In | Comment: Archive data come from Minimum Sampling Guide on v3.0 Production db |
Concrete for Concrete Pavement

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
 Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>500.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: One Set of Beams Per Lot
IA - Two 6 in. by 6 in. by 20 in. beam per 1500 material units of measure during normal operations.

Technician Certifications:

Type | Certification(s)
Sampling | Concrete Field Technician (Testing)

Test Formats

1. Concrete Beam Test - Version 3
  
  Owning Lab: Physical Lab
  IA Type: Concrete
  Metric/English Code: English
  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Concrete for Concrete Pavement

## General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Status:** History
- **Version:** 4.00
- **From Date:** 05/01/2002
- **To Date:** 05/22/2003
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>(None)</td>
</tr>
</tbody>
</table>

- **Sample/Test Remarks:** N/A

## Testing Requirements
- **Test Category**
  - Acceptance: 500.00
  - Sampling Responsibility: Project Personnel
  - Testing Responsibility: Project Personnel
  - **Sample Comment:** One Set of Beams Per Lot
    - IA - Two 6 in. by 6 in. by 20 in. beam per 1500 material units of measure during normal operations.

**Technician Certifications:**
- **Type:** Sampling
  - Certification(s): Concrete Field Technician (Testing)

**Test Formats**
1. **Concrete Beam Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/01/2002

**Performed By:** sqa14340

**Check In:** added formats to concrete for concrete pavement

**Comment:**
Concrete for Concrete Pavement

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Status: History
Version: 3.00
From Date: 06/29/2001
To Date: 06/29/2001

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: Required

Certification: N/A
Responsibility:
- (None)
- (None)
- (None)

Inspection Type(s): Concrete Pavement

Test Formats
1. Concrete Beam Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.

Sample Comment: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Concrete for Concrete Pavement

General

Group: Concrete  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Metric  From Date: 04/06/2000  To Date: 04/10/2000
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required  Responsibility
Approved List: N/A  (None)
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Sample Comment: One Set of Beams Per Lot
IA - Two 152 mm. by 152 mm. by 508 mm. beam per 1500 materials units of measure during normal operations.

Technician Certifications: (None)

Test Formats

1. Concrete Beam Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement

General
- Group: Concrete
- How Received: Pay Record
- Metric/English: Metric
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Testing Requirements
- Sample Comment: One Set of Beams Per Sub-Lot
- Technician Certifications: (None)

Test Formats
1. Concrete Beam Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: Concrete
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A

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<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>(None)</td>
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</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: One Set of Beams Per Lot
IA - Two 6 in. by 6 in. by 20 in. beam per 1500 material units of measure during normal operations.

Technician Certifications: (None)

Test Formats

1. Concrete Beam Test - Version 3

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Concrete for Concrete Pavement

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** REs Sample Authorization Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

#### Test Formats
1. Concrete Beam Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** twittington  
**Check In:**  
**Comment:** Corrected Frequency for PCCP - Metric
Concrete for Concrete Pavement

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Concrete Pavement
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category: Acceptance
Sample Frequency: 380.00
Sampling Responsibility: Project Personnel
Testing Responsibility: Project Personnel

Sample Comment: One Set of Beams Per Lot
IA - Two 152 mm. by 152 mm by 508 mm. beam per 3800 m³

Technician Certifications:

Type: Sampling
Certification(s): Concrete Field Technician (Testing) OR Portland Cement Concrete Pavement Field Technician

Test Formats
1. Concrete Beam Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
## Concrete for Concrete Pavement

### General

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### Methods of Acceptance

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#### Certification

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- **Inspection Type(s):** Concrete Pavement
- **Other Reports:** M&T 250, M&T 253, and M&T 903

### Testing Requirements

- **Sample Comment:** One Set of Beams Per Lot
  - IA - Two 6 in. by 6 in. by 20 in. beam per 1500 material units of measure during normal operations.

- **Technician Certifications:** (None)

### Test Formats

1. **Concrete Beam Test - Version 3**

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<tbody>
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<tr>
<td>IA Type</td>
<td>Concrete</td>
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</table>

   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2001

**Performed By:** conv

**Check In:** Setting the new FIR code to Required and Specifying the

**Comment:** FIR Type for version 5.0 conversion.
Concrete for Concrete Pavement

General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** REs Sample Authorization Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:**
- **Other Reports:** M&T 250, M&T 253, and M&T 903

**Certification: N/A**

**Responsibility**
- (None)

**Testing Requirements**
- **Test Category**
  - Acceptance
  - Sample Frequency: 380.00
  - Sampling Responsibility: Project Personnel
  - Testing Responsibility: Project Personnel

**Sample Comment:** One Set of Beams Per Lot
IA - Two 152 mm. by 152 mm by 508 mm. beam per 1500 materials units of measure during normal operations.

**Technician Certifications:** (None)

**Test Formats**
1. Concrete Beam Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Corrected Frequency for PCCP - Metric
Comment:
Concrete for Concrete Pavement

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Type

Responsibility

(None)

M&T  ○ RE  ○ Both
M&T  ○ RE  ○ Both
M&T  ○ RE  ○ Both

Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 500.00 | Project Personnel | Project Personnel

Sample Comment: One Set of Beams Per Lot
IA - Two 6 in. by 6 in. by 20 in. beam per 1500 material units of measure during normal operations.

Technician Certifications:

Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing)

Test Formats

1. Concrete Beam Test - Version 3

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement

General

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<tr>
<td>Default Auth Lab</td>
<td>REs Sample Authorization Lab</td>
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<tr>
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Methods of Acceptance

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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>M&amp;T 913 Report (Steel)</td>
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Methods of Acceptance

<table>
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</tr>
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<table>
<thead>
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<th>Test Category</th>
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<th>Sampling Responsibility</th>
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<td>Project Personnel</td>
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</table>

Sample Comment: One Set of Beams Per Lot IA - Two 152 mm. by 152 mm by 508 mm. beam per 1500 materials units of measure during normal operations.

Technician Certifications: (None)

Test Formats

1. Concrete Beam Test (Metric) - Version 1

Owning Lab: Physical Lab

IA Type: Concrete

Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 5.01
From Date: 01/01/1999 To Date: 12/31/2075

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Responsibility
(Alternate Responsibility)
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Test Formats
1. Concrete Beam Test - Version 3

Owning Lab: Physical Lab
IA Type: Concrete

Sample/Test Remarks:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 500.00 Project Personnel Project Personnel
IA - Comparative 5,000.00 M&T Field M&T Field

Sample Comment:
One Set of Beams Per Lot
IA - Two 6 in. by 6 in. by 20 in. beam per 1500 material units of measure during normal operations.

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) AND Portland Cement Concrete Pavement Field Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - 1995 Specifications

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<tr>
<td>MSG Responsibility:</td>
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</table>

Methods of Acceptance

| Pretest: N/A | Certification: N/A |
| Alt ID Matching: (None) | Type |
| Sample/Test: Required | Responsibility |
| Approved List: N/A | (None) M&T ○ RE ○ Both |
| Visual Inspection: Optional | (None) M&T ○ RE ○ Both |
| Catalog Cut: N/A | (None) M&T ○ RE ○ Both |
| Field Inspection: N/A | □ M&T 913 Report (Steel) |

Testing Requirements

<table>
<thead>
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<tbody>
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Sample Comment:

Technician Certifications:

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<th>Type</th>
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<tbody>
<tr>
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<td>Concrete Field Technician (Testing)</td>
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</table>

Test Formats

1. Concrete for Concrete Pavement - 1995 Specs - Version 1

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Both
Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - 1995 Specifications

General
Group: Concrete Status: History
How Received: Material Receipt Version: 1.00
Metric/English: English From Date: 02/10/2004 To Date: 02/10/2004
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required Inspection Type(s): Concrete Pavement
Small Quantity: ☐
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type
Responsibility
(None)
(Both)
M&T RE Both
M&T RE Both
M&T RE Both
☐ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 500.00 Project Personnel Project Personnel

Sample Comment:

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing)

Test Formats
1. Concrete for Concrete Pavement - 1995 Specs - Version 1

Owning Lab: Physical Lab Metric/English Code: Both
IA Type: Concrete Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - 1995 Specifications

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 03/31/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type
Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1,800.00 Project Personnel Project Personnel

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing)

Test Formats

1. Concrete for Concrete Pavement - 1995 Specs - Version 1

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - 1995 Specifications

General
Group: Concrete  Status: Archive
How Received: Material Receipt  Version: 2.00
Metric/English: Metric  From Date: 01/01/1999  To Date: 06/05/2012
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type
(Pretest)
(Alt ID Matching)
(Sample/Test)
(Approved List)
(Visual Inspection)
(Catalog Cut)
(Field Inspection)

Responsibility
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

Sample/Test Remarks:
- M&T 913 Report (Steel)

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  1,380.00  Project Personnel  Project Personnel

Sample Comment:

Type  Certification(s)
Sampling  Concrete Field Technician (Testing)

Test Formats
1. Concrete for Concrete Pavement - 1995 Specs - Version 1
   - Owning Lab: Physical Lab  Metric/English Code: Both
     - IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Concrete for Concrete Pavement - 1995 Specifications

**General**

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<tbody>
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<td>Material Receipt</td>
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<tr>
<td>MSG Responsibility</td>
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**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required, Inspection Type(s): Concrete Pavement
- **Small Quantity:**
- **Other Reports:** M&T 250, M&T 253, and M&T 903

**Testing Requirements**

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<td>Project Personnel</td>
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**Sample Comment:**

**Technician Certifications:**

- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing)

**Test Formats**

1. Concrete for Concrete Pavement - 1995 Specs - Version 1

- **Owning Lab:** Physical Lab
- **IA Type:** Concrete
- **Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/10/2004  
**Performed By:** twittington

**Check In:** Frequency Change PCCP - 1995 Specs.

**Comment:**
Concrete for Concrete Pavement - 1995 Specifications

General
Group: Concrete  Status: Archive
How Received: Material Receipt  Version: 3.00
Metric/English: Metric  From Date: 06/06/2012
Facility Type: Ready-Mix Concrete  To Date: 06/06/2012
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required  Responsibility
Approved List: N/A  (None)
Visual Inspection: Optional  (None)
Catalog Cut: N/A  (None)
Field Inspection: N/A
Small Quantity: N/A  M&T 913 Report (Steel)
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  1,380.00  Project Personnel  Project Personnel

Sample Comment:

Technician Certifications:
Type  Certification(s)
Sampling  Concrete Field Technician (Testing)

Test Formats
1. Concrete for Concrete Pavement - 1995 Specs - Version 1

Owning Lab: Physical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - 1995 Specifications

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
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<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
<td>RES Sample Authorization Lab</td>
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<tr>
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<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:             | N/A                                   |
| Alt ID Matching:     | (None)                                |
| Sample/Test:         | Required                              |
| Approved List:       | N/A                                   |
| Visual Inspection:   | Optional                              |
| Catalog Cut:         | N/A                                   |
| Field Inspection:    | N/A                                   |
| Small Quantity:      |                                      |
| Other Reports:       | M&T 250, M&T 253, and M&T 903        |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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Sample Comment:

Technician Certifications:

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<th>Type</th>
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<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing)</td>
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</table>

Test Formats

1. Concrete for Concrete Pavement - 1995 Specs - Version 1

   - Owning Lab: Physical Lab
   - Metric/English Code: Both
   - IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Concrete for Concrete Pavement - 1995 Specifications

## General

<table>
<thead>
<tr>
<th>Group</th>
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<td>MSG Responsibility</td>
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### Status
- **Version:** 1.01
- **From Date:** 03/31/2004
- **To Date:** 09/23/2006

### Methods of Acceptance

| Pretest             | N/A |
| Alt ID Matching     | (None) |
| Sample/Test         | Required |
| Approved List       | N/A |
| Visual Inspection   | Optional |
| Catalog Cut         | N/A |
| Field Inspection    | N/A |
| Small Quantity      | N/A |

**Other Reports:** M&T 250, M&T 253, and M&T 903

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<tr>
<th>Certification Type</th>
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- [ ] M&T 913 Report (Steel)

## Testing Requirements

<table>
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<tr>
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<td>Project Personnel</td>
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### Sample Comment:

- Technician Certifications:
  - **Type:** Sampling
  - **Certification(s):** Concrete Field Technician (Testing)

## Test Formats

1. Concrete for Concrete Pavement - 1995 Specs - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

### Notes:
- Although Visual Inspection is not the primary method of acceptance, it is always required. The material may not be accepted if it fails a visual inspection.
- **Action Date:** 11/15/2006
- **Performed By:** conv
- **Check In:** Changed from Concrete for Concrete Pavement -1995
- **Comment:** to N/A and sample test required.
## Concrete for Concrete Pavement - 1995 Specifications

### General

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<tbody>
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<tr>
<td>Default Auth Lab</td>
<td>REs Sample Authorization Lab</td>
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<td>Project Certification</td>
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**Certification:** N/A  
**Responsibility:** N/A  

### Methods of Acceptance

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<td>Approved List</td>
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<td>Visual Inspection</td>
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<td>Field Inspection</td>
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**Available Sample/Test Information:**  
- M & T 250, M & T 253, and M & T 903  

### Testing Requirements

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<td>Testing Responsibility</td>
<td>Project Personnel</td>
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</table>

**Sample/Test Remarks:** None

**Certification(s):**  
- Concrete Field Technician (Testing)

### Test Formats

1. Concrete for Concrete Pavement - 1995 Specs - Version 1

**Owning Lab:** Physical Lab  
**IA Type:** None  
**Metric/English Code:** Both  

**Comment:** Added PCCP - 1995 Specs - Metric

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/10/2004  
**Performed By:** twhittington  
**Check In:** Added PCCP - 1995 Specs - Metric  
**Comment:**
Concrete for Concrete Pavement - Cylinders

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.00
From Date: 06/02/2009 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 500.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing_old) OR Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR PC Concrete Pavement Technician

Test Formats
1. Concrete Cylinders - Falcon - Version 4
   
   Owning Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: English
   Sample/Test Remarks:

2. Concrete Cylinders - Summit - Version 1
   
   Owning Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/05/2009
Performed By: rpace
Check In: created new version
Comment:
Test Formats

3. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/05/2009
Performed By: rpace
Check In: created new version
Comment:
Concrete for Concrete Pavement - Cylinders

General

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<th>To Date: 12/31/2075</th>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
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Methods of Acceptance

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<th>Responsibility</th>
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<tr>
<td>Sample/Test</td>
<td>Required</td>
<td></td>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>Approved List</td>
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<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
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<tr>
<td>Visual Inspection</td>
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<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
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<td>Catalog Cut</td>
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<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
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<tr>
<td>Field Inspection</td>
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<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
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Other Reports:

Testing Requirements

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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: One set of 2 cylinders (6 in by 12 in) per 1, 333 SY of concrete pavement placed. IA: One set of 2 cylinders per 13,333 SY

Technician Certifications:

Type | Certification(s)
Sampling | Concrete Field Technician (Testing_old) OR Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR PC Concrete Pavement Technician

Test Formats

1. Concrete Cylinders - Falcon - Version 4
   - Owning Lab: Physical Lab
   - IA Type: Concrete
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Concrete Cylinders - Summit - Version 1
   - Owning Lab: Physical Lab
   - IA Type: Concrete
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Concrete for Concrete Pavement - Patching

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports: M&T 250, M&T 253, and M&T 903 May be required based on production type.

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 10.00 | Project Personnel | M&T Lab

Sample Comment: See Contract or PSP for special instructions on sampling and testing requirements.

Technician Certifications:

Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - Patching

General
Group: Concrete  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Metric  From Date: 03/21/2000  To Date: 03/23/2000
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Sample Comment: See Section 700 of the Specifications for details.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2
   Owning Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: Metric
   Sample/Test Remarks:
   Certification: N/A
   Type: N/A
   Responsibility:
   (None)
   (None)
   (None)
   M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 03/21/2000  Performed By: rpace
Check In: tww -changed Borrow for Quality to MINOR
Comment:
Concrete for Concrete Pavement - Patching

General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

Methods of Acceptance
- **Pretest:** N/A
- **Certification:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both
  - (None)
  - (None)
  - (None)

- **Catalog Cut:** N/A
- **Small Quantity:** No
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
- **Sample Comment:** See Section 700 of the Specifications for details.
- **Technician Certifications:** (None)

Test Formats
1. Concrete Cylinders Test - Version 13
- **Owning Lab:** Physical Lab
- **IA Type:** Concrete
- **Metric/English Code:** English
- **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/23/2000
Performed By: twittington
Check In: tww - changed Conc. Pvmt - Patching to NON-CRITICAL
Comment:
Concrete for Concrete Pavement - Patching

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
- Sample Comment: See Section 700 of the Specifications for details.
- Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13
   - Owning Lab: Physical Lab
   - IA Type: Concrete
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - Patching

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 03/23/2000
To Date: 03/23/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Sample Comment: See Section 700 of the Specifications for details.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2
   - Certification: N/A
   - Type: N/A
   - Responsibility: M&T, RE, Both

   □ M&T 913 Report (Steel)

   Owner Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/23/2000
Performed By: twhiltington
Check In: tw - changed Curing Blankets to MINOR
Comment:
## Concrete for Concrete Pavement - Patching

### General

<table>
<thead>
<tr>
<th><strong>Group</strong></th>
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<tr>
<td><strong>How Received</strong></td>
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<tr>
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<tr>
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<tr>
<td><strong>MSG Responsibility</strong></td>
<td>Physical Lab</td>
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</table>

### Methods of Acceptance

| **Pretest** | N/A |
| **Alt ID Matching** | (None) |
| **Sample/Test** | Required |
| **Approved List** | N/A |
| **Visual Inspection** | N/A |
| **Catalog Cut** | N/A |
| **Field Inspection** | N/A |

**Certification:** N/A  
**Responsibility:**  
- (None)  
- (None)  
- (None)  

☑ M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th><strong>Test Category</strong></th>
<th><strong>Sample Frequency</strong></th>
<th><strong>Sampling Responsibility</strong></th>
<th><strong>Testing Responsibility</strong></th>
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<tbody>
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<td>M&amp;T Lab</td>
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**Sample Comment:** See Section 700 of the Specifications for details.

**Technician Certifications:** (None)

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**

   **Owning Lab:** Physical Lab  
   **IA Type:** Concrete  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Concrete for Concrete Pavement - Patching (Metric) -  
**Comment:** Changed Project Certification Code to Critical.
Concrete for Concrete Pavement - Patching

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: REs Sample Authorization Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Status: Expired
Version: 4.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □

Certification: N/A
Responsibility
- □ M&T 913 Report (Steel)

Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
- Test Category: Acceptance
  - Sample Frequency: 10.00
  - Sampling Responsibility: Project Personnel
  - Testing Responsibility: M&T Lab

Sample Comment: See Section 700 of the Specifications for details.

Test Formats
1. Concrete Cylinders Test - Version 13
   - Owner Lab: Physical Lab
   - IA Type: Concrete
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete for Concrete Pavement - Patching

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 10.00 Project Personnel M&T Lab

Sample Comment: See Section 700 of the Specifications for details.

Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13

   Owning Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: English
   Sample/Test Remarks:

   Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/04/2004 Performed By: rpace
Check In: Corrected default authorizing lab for Concrete for Concrete
Comment: Pavement. RKP
Concrete for Concrete Pavement - Patching

General

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>Metric/English</td>
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Status: History
Version: 3.01
From Date: 04/16/2004  To Date: 09/23/2006

Methods of Acceptance

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<td>Visual Inspection</td>
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<td>Other Reports</td>
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Certification: N/A

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☐ M&T 913 Report (Steel)

Testing Requirements

<table>
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<tr>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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</tbody>
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Sample Comment: See Section 700 of the Specifications for details.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

<table>
<thead>
<tr>
<th>Test</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
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<tbody>
<tr>
<td>Concrete Cylinders Test</td>
<td>English</td>
<td></td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Concrete for Concrete Pavement - Patching (English) - Comment: Changed Project Certification Code to Critical.
Concrete for Concrete Pavement - Patching

General

Group: Concrete  Status: Current  From Date: 01/01/1999  To Date: 12/31/2075
How Received: Material Receipt  Version: 4.00
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Ready-Mix Concrete  Facility Type: Metric
Default Auth Lab: REs Sample Authorization Lab  MSG Responsibility: Physical Lab
Project Certification: Critical

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Responsibility: (None)
Sample/Test: Required  Type: N/A
Approved List: N/A  Responsibility: (None)
Visual Inspection: N/A  Responsibility: (None)
Catalog Cut: N/A  Responsibility: (None)
Field Inspection: N/A  Responsibility: (None)
Small Quantity:  □  Responsibility: M&T 913 Report (Steel)
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  6.00  Project Personnel  M&T Lab

Sample Comment: See Section 700 of the Specifications for details.

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab  Metric/English Code: Metric
IA Type: Concrete  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In  Concrete for Concrete Pavement - Patching (Metric) -
Comment: Changed Project Certification Code to Critical.
## Concrete for Concrete Pavement - Patching

### General

<table>
<thead>
<tr>
<th>Parameter</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
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<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
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### Methods of Acceptance

<table>
<thead>
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<tbody>
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</tr>
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<td>Sample/Test</td>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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</table>

### Certification(s)

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>6.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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Sample Comment: See Section 700 of the Specifications for details.

### Technician Certifications

<table>
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<tr>
<th>Type</th>
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<td>Concrete Field Technician (Testing)</td>
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### Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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<tbody>
<tr>
<td>Physical Lab</td>
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</tr>
<tr>
<td>IA Type</td>
<td>Concrete</td>
<td></td>
</tr>
</tbody>
</table>
**Concrete for Concrete Pavement - Patching**

**General**

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** REs Sample Authorization Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □

<table>
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<th>Responsibility</th>
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<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
</tbody>
</table>

- **Other Reports:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T Lab</td>
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**Sample Comment:** See Section 700 of the Specifications for details.

**Technician Certifications:** (None)

**Test Formats**

1. Concrete Cylinders Test (Metric) - Version 2

<table>
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<tr>
<th>Owning Lab: Physical Lab</th>
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<tbody>
<tr>
<td>IA Type: Concrete</td>
<td>Sample/Test Remarks:</td>
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</tbody>
</table>
Concrete for Concrete Pavement - Beams

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: REs Sample Authorization Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

From Date: 01/01/1999  To Date: 12/31/2075

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Concrete Pavement

Testing Requirements

<table>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tr>
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<td>Project Personnel</td>
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<tr>
<td>IA - Comparative</td>
<td>13,333.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment:
One set of 2 beams (6 in. by 6 in. by 20 in) per 1,333 SY of concrete pavement placed.
IA: One set of 2 beams/cylinders per 13,333 SY

Technician Certifications:

Type: Certification(s)
Sampling: Concrete Field Technician (Testing) AND Portland Cement Concrete Pavement Field Technician

Test Formats

1. Concrete Beam Test - Version 3

   Ownering Lab: Physical Lab
   IA Type: Concrete

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Concrete Rip Rap

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Expired
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Certification:
Type
(Non)
(Non)
(Non)
M&T RE Both
M&T RE Both
M&T RE Both

Responsibility

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Concrete Rip Rap

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
     - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

   - Certification: N/A
     - Type
       - Responsibility
         - M&T
         - RE
         - Both
         - M&T
         - RE
         - Both
         - M&T
         - RE
         - Both
         - M&T 913 Report (Steel)

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG Group from Concrete to Misc.
Comment:
**Concrete Rip Rap**

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

### Certification
- **Type:** N/A
- **Responsibility**
  - (None)

### Testing Requirements
- **Sample Comment:**

### Technician Certifications
- (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 02/28/2013  
**Performed By:** rpace

**Check In:** New MSG 2013

**Comment:** 
Concrete Rip Rap

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Correcting
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: None
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Type
Responsibility
(None)
M&T RE Both
(Both)
M&T RE Both
(Both)
M&T RE Both

M&T 913 Report (Steel)

Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
# Minimum Sampling Guide

## Concrete Rip Rap

### General

<table>
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<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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### Methods of Acceptance

<table>
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### Certification

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### Check In

- m & t 913 Report (Steel)

### Testing Requirements

- Sample Comment:  
  - Technician Certifications: (None)

### Test Formats

1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Owning Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>IA Type</td>
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</tr>
</tbody>
</table>

- Metric/English Code: Both

- Sample/Test Remarks:
Concrete Rip Rap

General

Group: Concrete
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both

Sample/Test Remarks:

Certification: N/A
Type
(None)
( None)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

☐ M&T 913 Report (Steel)

Action Date: 03/15/2000
Performed By: thjones
Check In In step changes
Comment:
Concrete Rip Rap

General
- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Project Certification: Non-Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Sample Comment: Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Certification: N/A
- Type
  - (None)
- Responsibility
  - M&T
  - RE
  - Both

- M&T 913 Report (Steel)

Action Date: 03/20/2013
Performed By: rpace
Check In: New MSG 2013
Concrete Rip Rap

General
- **Group:** Miscellaneous
- **Status:** Current
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Prepayment Invoice Required

Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Action Date: 01/04/2008
Performed By: rpace
Check In: Changed Group - Took out of concrete and added to Miscellaneous
## Concrete Rip Rap

### General

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group:</td>
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</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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<td>Catalog Cut:</td>
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<tr>
<td>Field Inspection:</td>
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<td>Small Quantity:</td>
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### Certification

<table>
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### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

### Test Formats

1. Field Section Miscellaneous Test - Version 3

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<th>Field</th>
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### Action Date

03/21/2013

### Performed By

rpace

### Check In

NEW MSG 2013

### Comment


## Concrete Rip Rap

### General

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<td>Default Auth Lab</td>
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<td>Project Certification</td>
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### Methods of Acceptance

<table>
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<tr>
<td>Other Reports</td>
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### Testing Requirements

#### Sample Comment:

- Technician Certifications: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

   ☐ **M&T 913 Report (Steel)**

---

**Action Date:** 01/01/1999   **Performed By:** v5conv

**Check In:** tww - changed Borrow for Quality to MINOR

**Comment:**
Concrete Rip Rap

General

- Group: Concrete
- How Received: Ticket
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   - Owning Lab: Field Section
   - IA Type: None

   - Metric/English Code: Both
   - Sample/Test Remarks:

   - Certification: N/A
   - Type: M & T
   - Responsibility: M & T
   - M & T 913 Report (Steel)

   - Certification: N/A
   - Type: RE
   - Responsibility: M & T
   - M & T 913 Report (Steel)

   - Certification: N/A
   - Type: Both
   - Responsibility: M & T
   - M & T 913 Report (Steel)

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
## Concrete Rip Rap

### General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Status

- **Status:** History
- **Version:** 1.01
- **From Date:** 06/28/2001
- **To Date:** 09/23/2006

### Methods of Acceptance

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<th>Other Reports</th>
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### Testing Requirements

- **Sample Comment:**
  - Technician Certifications: (None)

### Test Formats

1. Field Section Miscellaneous Test - Version 3

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** tww -changed Borrow for Quality to MINOR

**Comment:** None
Concrete Rip Rap

General

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Status: History

Version: 1.01

From Date: 06/28/2001  To Date: 09/23/2006

Methods of Acceptance

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<td>Catalog Cut</td>
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Testing Requirements

<table>
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Test Formats

1. Field Section Miscellaneous Test - Version 3

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Action Date: 11/15/2006  Performed By: conv
Check In: tww -changed Borrow for Quality to MINOR
Comment:
## Concrete, Class A

### General

<table>
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<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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</table>

### Methods of Acceptance

| Pretest: | N/A                     |
| Alt ID Matching: | (None)                |
| Sample/Test: | Required              |
| Approved List: | N/A                   |
| Visual Inspection: | N/A                 |
| Catalog Cut: | N/A                   |
| Field Inspection: | N/A                  |
| Small Quantity: | ✓                     |
| Other Reports: | M&T 250, M&T 253, and M&T 903 |

#### Certification

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<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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<tr>
<td>(None)</td>
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</tbody>
</table>

### Testing Requirements

#### Sample Comment:

One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.

IA - All classes other than pavement, set of two cylinders for each project per ever 1529 m3.

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
Concrete, Class A

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Testing Requirements

Sample Comment: One - set of cylinders per each 80 cubic meters placed or fraction thereof.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Certification: N/A
Type
Responsibility
(Nonne) M&T ○ RE ○ Both
(Nonne) M&T ○ RE ○ Both
(Nonne) M&T ○ RE ○ Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Class A

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Status:** Correcting  
**Version:** 5.02  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

### Methods of Acceptance

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**Small Quantity: □**

**Other Reports:** M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
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<td>IA - Comparative</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** One set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, set of two cylinders for each project per every 800 cubic meters.

### Technician Certifications:

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<tr>
<th>Type</th>
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<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
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</table>

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**

   **Owning Lab:** Physical Lab  
   **IA Type:** Concrete  
   **Metric/English Code:** Metric

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/01/2012  
**Performed By:** dimiller  
**Check In Comment:**
Concrete, Class A

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 100.00 | Project Personnel | M&T Lab

Sample Comment: One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof. IA - All classes other than pavement, set of two cylinders each project every 1000 yd3.

Technician Certifications:
Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class A

General

<table>
<thead>
<tr>
<th>Group:</th>
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<td>Facility Type:</td>
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<td>To Date:</td>
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<td>MSG Responsibility:</td>
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Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | N/A |
| Other Reports: | M&T 250, M&T 253, and M&T 903 |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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Sample Comment: One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof. IA - All classes other than pavement, set of two cylinders each project every 1000 yd3.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

Test Formats

1. Concrete Cylinders Test - Version 13

   | Owning Lab: | Physical Lab |
   | IA Type:    | Concrete     |

   | Metric/English Code: | English |
   | Sample/Test Remarks: |         |
Concrete, Class A

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab

Processing Lab:

Status: Expired
Version: 5.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

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<tr>
<th>Test Category</th>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment:
One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, set of two cylinders each project every 1000 yd3.

Technician Certifications:

Certification(s)
Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class A

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 3.00
From Date: 04/06/2000 To Date: 04/10/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type
(Which Type)
Responsibility
□ M&T
□ RE
□ Both
□ M&T
□ RE
□ Both
□ M&T
□ RE
□ Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof. IA - All classes other than pavement, set of two cylinders each project every 1000 yd3.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Iden
Check In: Changed default authorizing lab from Physical to Chemical.
Concrete, Class A

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 5.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type
(None)
(None)
(None)

Responsibility
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

[ ] M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 100.00 | Project Personnel | M&T Lab
IA - Comparative | 1,000.00 | M&T Field | M&T Lab

Sample Comment:

One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, set of two cylinders each project every 1000 yd3.

Technician Certifications:

Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/09/2007
Performed By: rpace
Check In: sd
Comment:
Concrete, Class A

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
<th>Status:</th>
<th>History</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>4.01</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>06/28/2001</td>
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<tr>
<td>Facility Type:</td>
<td>Ready-Mix Concrete</td>
<td>To Date:</td>
<td>09/23/2006</td>
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<tr>
<td>Default Auth Lab:</td>
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<td></td>
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<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:       | N/A                               |
| Alt ID Matching: | (None)                           |
| Sample/Test:   | Required                          |
| Approved List: | N/A                               |
| Visual Inspection: | N/A                           |
| Catalog Cut:   | N/A                               |
| Field Inspection: | N/A                           |
| Small Quantity: | N/A                               |
| Other Reports: | M&T 250, M&T 253, and M&T 903     |

Certification:

| Certification: | N/A                             |
| Type           |                                  |
| Responsibility | M&T ○ RE ○ Both                |
| (None)         | ○ M&T ○ RE ○ Both              |
| (None)         | ○ M&T ○ RE ○ Both              |
| (None)         | ○ M&T ○ RE ○ Both              |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, set of two cylinders each project every 1000 yd3.

Technician Certifications:

Type

<table>
<thead>
<tr>
<th>Sampling</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

Testing Requirements

1. Concrete Cylinders Test - Version 13

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Physical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>Concrete</td>
</tr>
</tbody>
</table>

Metric/English Code: English
Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Concrete, Class A**

### General
- **Group:** Concrete
- **Status:** Current
- **Version:** 5.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- One set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
- IA - All classes other than pavement, set of two cylinders for each project per every 1529 m3.

### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

### Test Formats
1. **Concrete Cylinders Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/04/2009  
**Performed By:** rpace  
**Check In:** Added CTR certification  
**Comment:**
Concrete, Class A

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/16/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Testing Requirements

Sample Comment: One set of cylinders per each 100 cubic yards placed or fraction thereof.
Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Certification: N/A
Type

Responsibility

M&T RE Both

M&T RE Both

M&T RE Both

M&T RE Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997 Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0 Comment: Production db
North Carolina Department of Transportation
Minimum Sampling Guide

Concrete, Class A

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 80.00 Project Personnel M&T Lab
IA - Comparative 800.00 M&T Field M&T Lab

Sample Comment: One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, set of two cylinders for each project per every 1529 m3.

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In Added IA Info
Comment:
Concrete, Class A

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 03/07/2000
To Date: 03/15/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type: M&T 913 Report (Steel)
Responsibility
(M & T) RE Both

Testing Requirements
Sample Comment: One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class A

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 80.00 | Project Personnel | M&T Lab
IA - Comparative | 800.00 | M&T Field | M&T Lab

Sample Comment: One set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, set of two cylinders for each project per every 1529 m3.

Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/05/2001
Performed By: rpace
Check In: Added IA Info
Comment:
**Concrete, Class A**

### General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Certification</th>
<th>Responsibility</th>
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</thead>
<tbody>
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</table>

<table>
<thead>
<tr>
<th>Alt ID Matching</th>
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<th>Field Inspection</th>
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<th>Other Reports</th>
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<tbody>
<tr>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof. IA - All classes other than pavement, set of two cylinders each project every 1000 cubic yards.

### Technician Certifications:

- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
## Concrete, Class A

### General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

<table>
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<tr>
<th>Method of Acceptance</th>
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<th>Certification: N/A</th>
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<tbody>
<tr>
<td>Pretest:</td>
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<tr>
<td>Alt ID Matching:</td>
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<td>(None)</td>
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<tr>
<td>Sample/Test:</td>
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<tr>
<td>Approved List:</td>
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<td>Visual Inspection:</td>
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<td>(None)</td>
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<tr>
<td>Catalog Cut:</td>
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<td>(None)</td>
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<tr>
<td>Field Inspection:</td>
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<td>(None)</td>
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<tr>
<td>Small Quantity:</td>
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</tr>
<tr>
<td>Other Reports:</td>
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<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:** One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
- **Technician Certifications:** (None)

### Test Formats

1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/07/2000  
**Performed By:** dgreene

**Check In:** In step changes  
**Comment:**
Concrete, Class AA

General

Group: Concrete  
How Received: Material Receipt  
Metric/English: Metric  
Facility Type: Ready-Mix Concrete  
Default Auth Lab: Physical Lab  
Project Certification: Critical  
MSG Responsibility: Physical Lab

Status: History  
Version: 4.00  
From Date: 09/05/2001  
To Date: 09/05/2001

Methods of Acceptance

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: Required  
Approved List: N/A  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, set of two cylinders per every 1529 m2 each project.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2
   
   Ownign Lab: Physical Lab  
   IA Type: Concrete  
   Metric/English Code: Metric  
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class AA

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 03/07/2000
To Date: 03/15/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type: 
Responsibility:
(None) M&T RE Both
(Both) M&T RE Both

Testing Requirements
Sample Comment: One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/07/2000
Performed By: dgreene
Check In: In step changes
Comment:
**Concrete, Class AA**

**General**
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Pay Adj Required

**Testing Requirements**
- **Sample Comment:** One set of cylinders per each 100 cubic yards placed or fraction thereof.
- **Technician Certifications:** (None)

**Test Formats**
1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Class AA

### General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Status

- **Status:** Correcting
- **Version:** 5.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

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<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Certification

- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)

#### Small Quantity

- Check Box: [ ]

### Other Reports

- M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment

- One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
- IA - All classes other than pavement, set of two cylinders per every 800 cubic meters each project.

### Technician Certifications

- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric

#### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class AA

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 03/07/2000
To Date: 03/15/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: N/A
Type
(Required)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Sample Comment: One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/07/2000
Performed By: dgreene
Check In: In step changes
Comment:
Concrete, Class AA

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, set of two cylinders for each project for every 1000 yd3

Technician Certifications:

Type: Sampling
Certification(s): Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class AA

General

Group: Concrete  Status: History
How Received: Material Receipt  Version: 3.00
Metric/English: Metric  From Date: 04/06/2000  To Date: 04/10/2000
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type: N/A
Sample/Test: Required  Responsibility
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Sample Comment: One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
IA - All classes other than pavement, set of two cylinders per every 1529 m² each project.

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

   Owner Lab: Physical Lab
   Metric/English Code: Metric
   IA Type: Concrete
   Sample/Test Remarks:

   Certification: N/A
   Type: N/A
   Responsibility
   (None)  □ M&T  □ RE  □ Both
   (None)  □ M&T  □ RE  □ Both
   (None)  □ M&T  □ RE  □ Both
   □ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Idean
Check In: Changed default authorizing lab from Physical to
Comment: Chemical.
Concrete, Class AA

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 02/16/1998
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Certification: N/A
Responsibility
(type)
(Both)

Testing Requirements
Sample Comment: One - set of cylinders per each 80 cubic meters placed or fraction thereof.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/16/1998
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Concrete, Class AA

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Status:** Expired
- **Version:** 4.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
- IA - All classes ther than pavement, set of two cylinders for each project for every 1000 yd³

### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

### Test Formats

1. **Concrete Cylinders Test - Version 13**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/04/2009
**Performed By:** rpace
**Check In:** added ctr certification
**Comment:**
Concrete, Class AA

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 5.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 80.00 | Project Personnel | M&T Lab
IA - Comparative | 800.00 | M&T Field | M&T Lab

Sample Comment: One set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
IA - All classes other than pavement, set of two cylinders per every 1529 m² each project.

Technician Certifications:
Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation  
Minimum Sampling Guide  

**Concrete, Class AA**

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English:</td>
<td>English</td>
<td>Version: 3.00</td>
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<tr>
<td>Facility Type:</td>
<td>Ready-Mix Concrete</td>
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<tr>
<td>Default Auth Lab:</td>
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<td>To Date: 04/10/2000</td>
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<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest:              | N/A             |
| Alt ID Matching:      | (None)          |
| Sample/Test:          | Required        |
| Approved List:        | N/A             |
| Visual Inspection:    | N/A             |
| Catalog Cut:          | N/A             |
| Field Inspection:     | N/A             |
| Small Quantity:       |                 |
| Other Reports:        | M&T 250, M&T 253, and M&T 903 |

### Certification

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<tr>
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<th>Responsibility</th>
</tr>
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<tbody>
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<td>M&amp;T  RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>

- **Certification**: N/A
- **Responsibility**: M&T 913 Report (Steel)

### Testing Requirements

**Sample Comment:**
- One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
- IA - All classes ther than pavement, set of two cylinders for each project for every 1000 yd3

**Technician Certifications:** (None)

### Test Formats

1. **Concrete Cylinders Test - Version 13**

   **Owning Lab:** Physical Lab  
   **IA Type:** Concrete  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Class AA

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Status and Version
- **Status:** History
- **Version:** 4.01
- **From Date:** 09/05/2001
- **To Date:** 09/23/2006

### Methods of Acceptance

<table>
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<tr>
<th>Pretest</th>
<th>Certification</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>(None)</td>
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</tbody>
</table>

### Other Reports
- M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- Acceptance One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
- IA - All classes other than pavement, set of two cylinders per every 1529 m2 each project.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Added IA Info  
**Comment:**
## Concrete, Class AA

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Status:** Expired
- **Version:** 5.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, set of two cylinders per every 1529 m2 each project.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** rpace
**Check In:** Added IA Info
**Comment:**
Concrete, Class AA

General
Group: Concrete
Status: Expired
How Received: Material Receipt
Version: 4.00
Metric/English: English
From Date: 01/01/1999
Facility Type: Ready-Mix Concrete
To Date: 12/31/2075
Default Auth Lab: Physical Lab
Project Certification: Critical
Related Lab: Physical Lab
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Certification: N/A
Alt ID Matching: (None)
Type: M &T
Sample/Test: Required
M &T
Responsibility
(Nothing)
(Nothing)
(Nothing)
M &T
RE
Both
M &T
RE
Both
M &T
RE
Both
Visual Inspection: N/A
Catalog Cut: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab
IA - Comparative 1,000.00 M&T Field M&T Lab

Sample Comment:
One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, set of two cylinders for each project for every 1000 yd³

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Class AA

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Status
- **Version:** 4.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Current**

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

#### Certification:
- Type: N/A
- Responsibility: N/A

- (None)
- (None)
- (None)

- M&T 913 Report (Steel)

### Other Reports:
- M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
<thead>
<tr>
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<th>Sampling Responsibility</th>
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<tr>
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<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:
- One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
- IA - All classes other than pavement, set of two cylinders for each project for every 1000 yd3

### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. Concrete Cylinders Test - Version 13

#### Metric/English Code: English

#### Sample/Test Remarks:

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013

**Performed By:** rpace

**Check In:** NEW 2013 MSG

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Concrete, Class AAA

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 5.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 100.00 | Project Personnel | M&T Lab
IA - Non-comparative | 1,000.00 | M&T Field | M&T Lab

Sample Comment:
One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, have a set of two cylinders per every 1000 yd³ for each project.

Technician Certifications:
Type: Sampling
Certification(s):
Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
North Carolina Department of Transportation  
Minimum Sampling Guide

Concrete, Class AAA  

**General**  
**Group:** Concrete  
**How Received:** Material Receipt  
**Metric/English:** Metric  
**Facility Type:** Ready-Mix Concrete  
**Default Auth Lab:** Physical Lab  
**Project Certification:** Critical  
**MSG Responsibility:** Physical Lab  

**Methods of Acceptance**  
**Pretest:** N/A  
**Alt ID Matching:** (None)  
**Sample/Test:** Required  
**Approved List:** N/A  
**Visual Inspection:** N/A  
**Catalog Cut:** N/A  
**Field Inspection:** N/A  
**Small Quantity:**  
**Other Reports:** M&T 250, M&T 253, and M&T 903

**Certification:** N/A  

<table>
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</table>

**Testing Requirements**  

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<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, have a set of two cylinders per every 1529 m3 for each project.

**Technician Certifications:**

<table>
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<tr>
<th>Type</th>
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<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

**Test Formats**

1. Concrete Cylinders Test (Metric) - Version 2

**Owning Lab:** Physical Lab  
**IA Type:** Concrete  
**Metric/English Code:** Metric  
**Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.  
Action Date: 02/01/2012  
Performed By: dimiller  
Check In Comment:
Concrete, Class AAA

General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements

- **Sample Comment:** One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
  IA: All classes other than pavement, have a set of two cylinders per every 1529 m³ for each project.

- **Technician Certifications:** (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class AAA

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
<th>Status:</th>
<th>History</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Ticket</td>
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<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>03/07/2000</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Ready-Mix Concrete</td>
<td>To Date:</td>
<td>03/15/2000</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
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<td>Project Certification:</td>
<td>Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:     | N/A                        | Certification: | N/A     |
| Alt ID Matching: | (None)                     | Type:          | N/A     |
| Sample/Test: | Required                   | Responsibility:| M&T RE Both |
| Approved List: | N/A                        |              |         |
| Visual Inspection: | N/A                      | (None)        | M&T RE Both |
| Catalog Cut: | N/A                        |              |         |
| Field Inspection: | N/A                     | (None)        | M&T RE Both |
| Small Quantity: |                            |              |         |
| Other Reports: | M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required |

Testing Requirements

Sample Comment: One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

   | Owning Lab: | Physical Lab |
   | Metric/English Code: | English |
   | IA Type: | Concrete |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class AAA

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 4.01
From Date: 09/05/2001  To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA- All classes other than pavement, have a set of two cylinders per every 1529 m3 for each project.

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Added IA Info
Comment:
Concrete, Class AAA

Methods of Acceptance

Certification: N/A

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<thead>
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<th>Responsibility</th>
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</tr>
<tr>
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</table>

- M&T 913 Report (Steel)

Testing Requirements

Sample Comment: One set of cylinders per each 80 cubic meters placed or fraction thereof.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab

IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Concrete, Class AAA

#### General
- **Group**: Concrete
- **Status**: History
- **Version**: 2.00
- **From Date**: 03/07/2000
- **To Date**: 03/15/2000
- **How Received**: Ticket
- **Metric/English**: Metric
- **Facility Type**: Ready-Mix Concrete
- **Default Auth Lab**: Physical Lab
- **Project Certification**: Critical
- **MSG Responsibility**: Physical Lab

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
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</tbody>
</table>

- **Small Quantity**: □

**Other Reports**: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment**: One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.
- **Technician Certifications**: (None)

#### Test Formats
1. **Concrete Cylinders Test (Metric) - Version 2**
   - **Owning Lab**: Physical Lab
   - **IA Type**: Concrete
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: N/A

**Certification**: N/A
- **Type**: (None)
- **Responsibility**:
  - M&T
  - RE
  - Both

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Concrete, Class AAA

#### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 5.00
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

<table>
<thead>
<tr>
<th>Methods of Acceptance</th>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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<td>Field Inspection:</td>
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#### Small Quantity
- Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Non-comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:
- One set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
- IA - All classes other than pavement, have a set of two cylinders per every 1000 yd³ for each project.

#### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats
1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace

**Check In:** Added IA Info  
**Comment:**
## Concrete, Class AAA

### General
- **Group:** Concrete
- **Status:** History
- **Version:** 4.00
- **From Date:** 04/06/2000
- **To Date:** 04/10/2000
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Certification
- **Type:** N/A
- **Responsibility:** (None)
- **Certification:** M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof. IA - All classes other than pavement, have a set of two cylinders per every 1000 yd³ for each project.

### Technician Certifications
- (None)

### Test Formats
1. Concrete Cylinders Test - Version 13
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000 **Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
### Concrete, Class AAA

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
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<tbody>
<tr>
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<tr>
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<td>From Date</td>
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<td>Facility Type</td>
<td>To Date</td>
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<tr>
<td>Ready-Mix Concrete</td>
<td>12/11/1999</td>
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<td>Project Certification</td>
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<tr>
<td>Critical</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td></td>
</tr>
<tr>
<td>Physical Lab</td>
<td></td>
</tr>
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</table>

#### Methods of Acceptance

| Pretest          | N/A         |
| Alt ID Matching  | (None)      |
| Sample/Test      | Required    |
| Approved List    | N/A         |
| Visual Inspection| N/A         |
| Catalog Cut      | N/A         |
| Field Inspection | N/A         |
| Small Quantity   |             |
| Other Reports    | M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required; Pay Adj Required |

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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</table>

- M&T 913 Report (Steel)

#### Testing Requirements

- Sample Comment: One set of cylinders per each 100 cubic yards placed or fraction thereof.
- Technician Certifications: (None)

#### Test Formats

1. Concrete Cylinders Test - Version 13

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Lab</td>
<td>English</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>IA Type</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td></td>
</tr>
</tbody>
</table>

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Concrete, Class AAA

General

Group: Concrete  Status: Current
How Received: Material Receipt  Version: 5.00
Metric/English: Metric  From Date: 01/01/1999
Facility Type: Ready-Mix Concrete  To Date: 12/31/2075
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required (None)
Approved List: N/A (None)
Visual Inspection: N/A (None)
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, have a set of two cylinders per every 1529 m3 for each project.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab  Metric/English Code: Metric
IA Type: Concrete  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class AAA

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab
IA - Non-comparative 1,000.00 M&T Field M&T Lab

Sample Comment: One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, have a set of two cylinders per every 1000 yd3 for each project.

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Added IA Info
Comment: 

Certification(s) Type
None

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both
Concrete, Class AAA

General
Group: Concrete  Status: History
How Received: Material Receipt  Version: 3.00
Metric/English: English  From Date: 03/21/2000  To Date: 03/23/2000
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Sample Comment: One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13
   Owner Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 03/21/2000  Performed By: rpace
Check In  tww -changed Borrow for Quality to MINOR
Comment:
**Concrete, Class AAA**

**General**
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Status:** History

**Version:** 3.00

**From Date:** 03/21/2000  
**To Date:** 03/23/2000

**Methods of Acceptance**

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<tr>
<td>Small Quantity:</td>
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</tbody>
</table>

**Sample/Test Remarks:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

**Testing Requirements**

**Sample Comment:** One - set of cylinders per each placement operation per each 80 cubic meters placed or fraction thereof.

**Technician Certifications:** (None)

**Test Formats**

1. **Concrete Cylinders Test (Metric) - Version 2**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2000  
**Performed By:** rpace

**Check In:** tww -changed Borrow for Quality to MINOR

**Comment:**

```diff
-tww -changed Borrow for Quality to MINOR
```
### Concrete, Class B

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

**Sample Comment:** One - set of cylinders for strength per 100 cu. yds cumulative.

#### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

#### Test Formats

1. Concrete Cylinders Test - Version 13

**Owning Lab:** Physical Lab
**Metric/English Code:** English
**IA Type:** Concrete
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
### Concrete, Class B

#### General

<table>
<thead>
<tr>
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<th>Concrete</th>
<th>Status:</th>
<th>Current</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
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</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Ready-Mix Concrete</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
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</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
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</tr>
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</table>

**Metrics**

<table>
<thead>
<tr>
<th>From Date:</th>
<th>To Date:</th>
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</thead>
<tbody>
<tr>
<td>01/01/1999</td>
<td>12/31/2075</td>
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</table>

**RSMS Responsibility**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>M&amp;T</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>RE</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Both</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

**Sample/Test Remarks**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

**Certification:** N/A

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- One set of cylinders per 80 cu. meters.
- IA - All classes other than pavement, have a set of 2 cylinders for every 1529 m3 for each project.

#### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
<th>Sample/Test Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Lab</td>
<td>Metric</td>
<td></td>
</tr>
<tr>
<td>IA Type: Concrete</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/04/2009  
**Performed By:** rpace  
**Check In:** Added CTR certification  
**Comment:**
Concrete, Class B

General

Group: Concrete  
How Received: Material Receipt  
Metric/English: English  
Facility Type: Ready-Mix Concrete  
Default Auth Lab: Physical Lab  
Project Certification: Non-Critical  
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: Required  
Approved List: N/A  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Sample Comment: One set of cylinders for strength per 100 cu. yds. Air content by chace is required on each truck; air content by air pot and slump are required when cylinders are made.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab  
IA Type: Concrete  
Metric/English Code: English  
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class B

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

Status: History

Version: 2.00

From Date: 04/06/2000

To Date: 04/10/2000

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Responsibility

<table>
<thead>
<tr>
<th>Certification</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>M&amp;T [ ] RE [ ] Both</td>
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</tbody>
</table>

- M & T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>One - set of cylinders per 80 cu. meters.</td>
</tr>
<tr>
<td></td>
<td>IA - All classes other than pavement, have a set of 2 cylinders for every 1529 m3 for each project.</td>
</tr>
</tbody>
</table>

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab

IA Type: Concrete

Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000

Performed By: Idlean

Check In: Changed default authorizing lab from Physical to Chemical.
**Concrete, Class B**

**General**
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Status:** Expired
- **Version:** 4.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
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</tr>
</tbody>
</table>

**Other Reports:** M&T 250, M&T 253, and M&T 903

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One set of cylinders for strength per 100 cu. yds. Air content by chace is required on each truck; Air content by pot and slump are required when cylinders are made.

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)</td>
</tr>
</tbody>
</table>

**Test Formats**

1. Concrete Cylinders Test - Version 13

   **Owning Lab:** Physical Lab
   **IA Type:** Concrete
   **Metric/English Code:** English
   **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Concrete, Class B

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One set of cylinders for strength per 100 cu. yds.
  - Air content by chase is required on each truck;
  - Air content by air pot and slump are required when cylinders are made.

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

**Test Formats**

1. Concrete Cylinders Test - Version 13

- **Owning Lab:** Physical Lab
- **IA Type:** Concrete
- **Metric/English Code:** English
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace

**Check In:** Changed certification status from non-critical to critical  
**Comment:**
Concrete, Class B

General

Group: Concrete
How Received: Ticket
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/16/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Testing Requirements

Sample Comment: One per 60 cubic meters
Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks: N/A

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Concrete, Class B

General

<table>
<thead>
<tr>
<th>Group</th>
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<th>History</th>
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<tr>
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<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | Yes |
| Other Reports: | M&T 250, M&T 253, and M&T 903; Pay Adj Required |

Testing Requirements

| Sample Comment: | One per 80 cubic yards |
| Technician Certifications: | (None) |

Test Formats

1. Concrete Cylinders Test - Version 13

| Owning Lab: | Physical Lab |
| IA Type: | Concrete |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Concrete, Class B

## General
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Ready-Mix Concrete  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab  

### Status
- **Version:** 3.01  
- **From Date:** 04/08/2003  
- **To Date:** 09/23/2006

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
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<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
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</table>

Other Reports: M&T 250, M&T 253, and M&T 903

## Testing Requirements

### Test Category
<table>
<thead>
<tr>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**  
- **Acceptance:** One - set of cylinders per 80 cu. meters.  
- **IA - Comparative:** All classes other than pavement, have a set of 2 cylinders for every 1529 m3 for each project.

## Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

## Test Formats

1. **Concrete Cylinders Test (Metric)** - Version 2
   - **Owing Lab:** Physical Lab  
   - **IA Type:** Concrete  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Changed certification status from non-critical to critical  
**Comment:**
Concrete, Class B

General

Group: Concrete Status: History
How Received: Material Receipt Version: 3.00
Metric/English: English From Date: 09/05/2001 To Date: 09/05/2001
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A Certification: N/A
Alt ID Matching: (None) Type Responsibility
Sample/Test: Required (None)
Approved List: N/A (None)
Visual Inspection: N/A (None)
Catalog Cut: N/A (None)
Field Inspection: N/A (None)
Small Quantity: N/A M&T 913 Report (Steel)
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
One - set of cylinders for strength per 100 cu. yds.
Air content by chace is required on each truck;
Air content by air pot and slump are required when cylinders are made.

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab Metric/English Code: English
IA Type: Concrete Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/05/2001 Performed By: rpace
Check In: Added IA Info
Comment:
Concrete, Class B

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Correcting
Version: 4.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 80.00 Project Personnel M&T Lab

Sample Comment: One - set of cylinders per 80 cu. meters or portion thereof.

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
## Concrete, Class B

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>4.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td></td>
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</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest       | N/A                      |
| Alt ID Matching | (None)                  |
| Sample/Test   | Required                 |
| Approved List | N/A                      |
| Visual Inspection | N/A                    |
| Catalog Cut   | N/A                      |
| Field Inspection | N/A                    |
| Small Quantity |                         |

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:
- One set of cylinders per 80 cu. meters.
- IA - All classes other than pavement, have a set of 2 cylinders for every 1529 m³ for each project.

### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

### Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Physical Lab</th>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>Concrete</td>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class B

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 3.00
From Date: 09/05/2001
To Date: 09/05/2001

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 80.00 | Project Personnel | M&T Lab
IA - Comparative | 800.00 | M&T Field | M&T Lab

Sample Comment: One - set of cylinders per 80 cu. meters.
IA - All classes ther than pavement, have a set of 2 cylinders for every 1529 m3 for each project.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2
   
   Owning Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: Metric
   Sample/Test Remarks:
Concrete, Class M

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete

Status: History
Version: 2.00
From Date: 03/21/2000 To Date: 03/23/2000

Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2000
Performed By: rpace
Check In: tww -changed Borrow for Quality to MINOR
Comment:
Concrete, Class M

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Archive
Version: 4.01
From Date: 01/01/1999
To Date: 12/19/2007

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab
IA - Comparative 1,000.00 M&T Field M&T Lab

Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, have a set of 2 cylinders per every 1000 yd³ for each project.

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/04/2008
Performed By: rpace
Check In: a
Comment:
Concrete, Class M

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 4.00
From Date: 01/01/1999 To Date: 12/19/2007

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Certification: N/A

Responsibility

(None)
(None)
(None)

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab
IA - Comparative 1,000.00 M&T Field M&T Lab

Sample Comment:
One - set of cylinders per each 100 cubic yards placed or fraction thereof. IA - All classes other than pavement, have a set of 2 cylinders per every 1000 yd3 for each project.

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test - Version 13
   
   Owning Lab: Physical Lab
   IA Type: Concrete

   Metric/English Code: English
   Sample/Test Remarks:
Concrete, Class M

General
Group: Concrete  Status: History
How Received: Material Receipt  Version: 3.01
Metric/English: English  From Date: 09/05/2001  To Date: 09/23/2006
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Certification:
<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance     | 100.00           | Project Personnel       | M&T Lab          |
IA - Comparative | 1,000.00         | M&T Field               | M&T Lab          |

Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, have a set of 2 cylinders per every 1000 yd³ for each project.

Technician Certifications:
Type | Certification(s)
Sampling  | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class M

General
Group: Concrete
How Received: Ticket
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/16/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required; Pay Adj Required

Certification: N/A
Type: (None)
Responsibility: M&T 913 Report (Steel)

Testing Requirements
Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.

Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English

Sample/Test Remarks:
Concrete, Class M

General
Group: Concrete  Status: Archive
How Received: Material Receipt  Version: 4.00
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/19/2007
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required  Responsibility
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A  (None)
Field Inspection: N/A  M&T 913 Report (Steel)
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  80.00  Project Personnel  M&T Lab
IA - Comparative  800.00  M&T Field  M&T Lab

Sample Comment: One set of cylinders per each 80 cubic meters placed or fraction thereof.
IA - All classes other than pavement, have a set of 2 cylinders per every 1529 m3 for each project.

Technician Certifications:
Type  Certification(s)
Sampling  Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab  Metric/English Code: Metric
IA Type: Concrete  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Class M

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903; Prepayment Invoice Required</td>
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</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
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<td>M&amp;T, RE, Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T, RE, Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T, RE, Both</td>
</tr>
<tr>
<td>☐ M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:**
  One - set of cylinders per each 80 cubic meters placed or fraction thereof.
  IA - All classes other than pavement, have a set of 2 cylinders per every 1529 m3 for each project.

- **Technician Certifications:** (None)

### Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric

   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
Concrete, Class M

General
Group: Concrete Status: History
How Received: Material Receipt Version: 2.00
Metric/English: Metric From Date: 03/21/2000
Facility Type: Ready-Mix Concrete To Date: 03/23/2000
Default Auth Lab: Physical Lab
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A Certification: N/A
Alt ID Matching: (None) Type
Sample/Test: Required Responsibility
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements
Sample Comment: One - set of cylinders per each 80 cubic meters placed or fraction thereof.
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2000
Performed By: rpace
Check In: tww -changed Borrow for Quality to MINOR
Comment:
Concrete, Class M

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
<th>Status:</th>
<th>History</th>
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<tr>
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<tr>
<td>Facility Type:</td>
<td>Ready-Mix Concrete</td>
<td>To Date:</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
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<tr>
<td>Project Certification:</td>
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</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:          | N/A               | Certification: | N/A |
|-------------------|-------------------| Type           |     |
| Alt ID Matching:  | (None)            | Responsibility|      |
| Sample/Test:      | Required          | (None)         | M&T RE Both |
| Approved List:    | N/A               | (None)         | M&T RE Both |
| Visual Inspection:| N/A               | (None)         | M&T RE Both |
| Catalog Cut:      | N/A               | (None)         | M&T RE Both |
| Field Inspection: | N/A               | (None)         | M&T RE Both |
| Small Quantity:   | N/A               | M&T 913 Report (Steel) |
| Other Reports:    |                   | M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required; Pay Adj Required |

Testing Requirements

| Sample Comment: | One - set of cylinders per each 80 cubic meters placed or fraction thereof. |
| Technician Certifications: | (None) |

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

   | Owning Lab: | Physical Lab |
   | IA Type:    | Concrete     | Metric/English Code: | Metric |

   | Sample/Test Remarks: | |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Concrete, Class M

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>How Received</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

<table>
<thead>
<tr>
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<th>Version</th>
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<th>To Date</th>
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<td>04/10/2000</td>
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<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
<th>Metric/English Code</th>
</tr>
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<tbody>
<tr>
<td>Ready-Mix Concrete</td>
<td>Physical Lab</td>
<td>Critical</td>
<td>Physical Lab</td>
<td>English</td>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Testing Requirements

Sample Comment:
- One set of cylinders per each 100 cubic yards placed or fraction thereof.
- IA - All classes other than pavement, have a set of 2 cylinders per every 1000 yd³ for each project.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Concrete, Class M**

**General**
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One set of cylinders per each 80 cubic meters placed or fraction thereof. IA - All classes other than pavement, have a set of 2 cylinders per every 1529 m³ for each project.

**Technician Certifications:**
- **Type:** Sampling
- **Certification(s):**
  - Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

**Test Formats**

1. **Concrete Cylinders Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Added IA Info  
**Comment:**
Concrete, Class S

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: Yes
- Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
- Type: M&T 913 Report (Steel)
- Responsibility: N/A

Testing Requirements
- Sample Comment: One set of cylinders per each 80 cubic meters placed or fraction thereof.
- Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: Concrete
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2000
Performed By: rpace
Check In: tww -changed Borrow for Quality to MINOR
Comment:
Concrete, Class S

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 4.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 80.00 | Project Personnel | M&T Lab |
IA - Comparative | 800.00 | M&T Field | M&T Lab |

Sample Comment: One - set of cylinders per each 80 cubic meters placed or fraction thereof.
IA - All classes other than pavement, has a set of 2 cylinders per every 1529 m³ for each project.

Technician Certifications:
Type | Certification(s)
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Class S

### General
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 04/06/2000
- **Facility Type:** Ready-Mix Concrete
- **To Date:** 04/10/2000
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Yes
- **Other Reports:** M&T 250, M&T 253, and M&T 903

### Testing Requirements
- **Sample Comment:** One set of cylinders per each 80 cubic meters placed or fraction thereof.
  IA - All classes other than pavement, has a set of 2 cylinders per every 1529 m³ for each project.
- **Technician Certifications:** (None)

### Test Formats
1. **Concrete Cylinders Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **Metric/English Code:** Metric
   - **IA Type:** Concrete
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000 **Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
Concrete, Class S

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Correcting
Version: 4.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A

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<th>Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<td>M&amp;T RE Both</td>
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M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
One - set of cylinders per each 80 cubic meters placed or fraction thereof.
IA - All classes other than pavement, has a set of 2 cylinders per every 1529 m3 for each project.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class S

General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

| Pretest | N/A |
| Alt ID Matching | (None) |
| Sample/Test | Required |
| Approved List | N/A |
| Visual Inspection | N/A |
| Catalog Cut | N/A |
| Field Inspection | N/A |

**Certification:** N/A

| Type | M & T | RE | Both |
| Responsibility | (None) | (None) | (None) |

- **Small Quantity:** Yes
- **Other Reports:** M&T 250, M&T 253, and M&T 903

### Testing Requirements

**Sample Comment:** One set of cylinders per each 100 cubic yards placed or fraction thereof.

**Technician Certifications:** (None)

### Test Formats

1. **Concrete Cylinders Test - Version 13**

   **Owning Lab:** Physical Lab
   **IA Type:** Concrete

**Metric/English Code:** English

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2000

**Performed By:** rpace

**Check In:** tw -changed Borrow for Quality to MINOR

**Comment:**
# Concrete, Class S

## General

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<tr>
<td>Metric/English</td>
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<tr>
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<tr>
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<td>Physical Lab</td>
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<tr>
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## Methods of Acceptance

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<tr>
<td>Visual Inspection</td>
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</tr>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<td>Other Reports</td>
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## Certification

<table>
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<tbody>
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## Testing Requirements

<table>
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<tr>
<th>Property</th>
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<tr>
<td>Sample Comment</td>
<td>One - set of cylinders per each 100 cubic yards placed or fraction thereof.</td>
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<td>Technician Certifications</td>
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## Test Formats

1. Concrete Cylinders Test - Version 13

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>Concrete</td>
</tr>
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</table>

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Class S

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 3.00
From Date: 04/06/2000  To Date: 04/10/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, has a set of 2 cylinders per every 1000 yd3 for each project.

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000  Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
## Concrete, Class S

### General

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<tr>
<td>To Date:</td>
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**Group:** Concrete  
**How Received:** Material Receipt  
**Metric/English:** Metric  
**Facility Type:** Ready-Mix Concrete  
**Default Auth Lab:** Physical Lab  
**Project Certification:** Critical  
**MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<td>Pretest:</td>
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<tr>
<td>Sample/Test:</td>
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<td>Approved List:</td>
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<tr>
<td>Visual Inspection:</td>
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<td>Catalog Cut:</td>
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<td>Field Inspection:</td>
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<td>Small Quantity:</td>
<td>Yes</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
</tr>
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</table>

### Testing Requirements

**Test Categories**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- One set of cylinders per each 80 cubic meters placed or fraction thereof.
- IA - All classes other than pavement, has a set of 2 cylinders per every 1529 m³ for each project.

### Technical Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Concrete Cylinders Test (Metric) - Version 2**

   **Owning Lab:** Physical Lab  
   **IA Type:** Concrete  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Added IA Info  
**Comment:**
Concrete, Class S

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance    | 100.00           | Project Personnel       | M&T Lab
IA - Comparative | 1,000.00         | M&T Field              | M&T Lab

Sample Comment: One set of cylinders per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, has a set of 2 cylinders per every 1000 yd3 for each project.

Technician Certifications:
Type | Certification(s)
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13
   
   Owning Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Added IA Info
Comment:
# Concrete, Class S

## General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- One - set of cylinders per each 100 cubic yards placed or fraction thereof.
- IA - All classes other than pavement, has a set of 2 cylinders per every 1000 yd³ for each project.

## Technician Certifications
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

## Test Formats
1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
Concrete, Class S

General

Group: Concrete
How Received: Ticket
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/16/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Testing Requirements

Sample Comment: One - set of cylinders per each 80 cubic meters placed or fraction thereof.
Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

  Owning Lab: Physical Lab
  IA Type: Concrete

Metric/English Code: Metric
Sample/Test Remarks:

Certification: N/A
Type

Responsibility

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Concrete, Class S

**General**

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Status:** Expired
- **Version:** 4.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Yes
- **Other Reports:** M&T 250, M&T 253, and M&T 903

**Certification:** N/A

<table>
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<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tr>
<td></td>
<td>M&amp;T Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
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</table>

**Field Inspection:** N/A

**Small Quantity:** Yes

**Other Reports:** M&T 250, M&T 253, and M&T 903

**Methods of Acceptance:**

- **Acceptance:**
  - **Sample Frequency:** 100.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab

- **IA - Comparative**
  - **Sample Frequency:** 1,000.00
  - **Sampling Responsibility:** M&T Field
  - **Testing Responsibility:** M&T Lab

**Sample Comment:** One set of cylinders per each 100 cubic yards placed or fraction thereof. IA - All classes other than pavement, has a set of 2 cylinders per every 1000 yd3 for each project.

**Technician Certifications:**

- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

**Test Formats**

1. **Concrete Cylinders Test - Version 13**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Drilled Pier

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
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</thead>
<tbody>
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<tr>
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<td>From Date</td>
<td>01/01/1999</td>
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<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
<td>To Date</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
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<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

### Methods of Acceptance

| Pretest             | N/A         |
| Alt ID Matching     | (None)      |
| Sample/Test         | Required    |
| Approved List       | N/A         |
| Visual Inspection   | N/A         |
| Catalog Cut         | N/A         |
| Field Inspection    | N/A         |
| Small Quantity      |            |
| Other Reports       | M&T 250, M&T 253, and M&T 903 |

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
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<th>Sampling Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>100.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: One - set of cylinders per truck load

### Technician Certifications:

- **Type**: Sampling
  - **Certification(s)**: Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. Concrete Cylinders Test - Version 13

<table>
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<tr>
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Sample/Test Remarks:

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Concrete, Drilled Pier

## General

<table>
<thead>
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<td>09/05/2001</td>
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<td>09/23/2006</td>
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<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pretest</td>
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</tr>
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<td>Alt ID Matching</td>
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</tr>
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<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
</tr>
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</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>10.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>100.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per truck load

## Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

## Test Formats

1. Concrete Cylinders Test - Version 13

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>English</td>
</tr>
<tr>
<td>IA Type</td>
<td>Concrete</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In Added IA Info

Comment:
Concrete, Drilled Pier

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---           | ---             | ---                       | ---
Acceptance   | 8.00            | Project Personnel         | M&T Lab
IA - Comparative | 80.00          | M&T Field                 | M&T Lab

Sample Comment: One - set of cylinders per truck load

Technician Certifications:

Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/04/2009
Performed By: rpace
Check In: Added CTR certification
Comment:
Concrete, Drilled Pier

**General**

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Status:** Expired

**Version:** 3.01

**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

<table>
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<tr>
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<th>Responsibility</th>
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<td>M&amp;T  RE  Both</td>
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<tr>
<td></td>
<td>(None)</td>
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- **M&T 913 Report (Steel)**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>100.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per truck load

**Technician Certifications:**

- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

**Test Formats**

1. Concrete Cylinders Test - Version 13

- **Owning Lab:** Physical Lab
- **IA Type:** Concrete
- **Metric/English Code:** English
- **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Concrete, Drilled Pier

#### General

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<td>Metric</td>
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<td>Facility Type</td>
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<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
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#### Methods of Acceptance

<table>
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<tr>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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<td>Other Reports</td>
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#### Certification

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#### Testing Requirements

<table>
<thead>
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<th>Value</th>
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<tbody>
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<td>Test Category</td>
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</tr>
<tr>
<td>Sample Frequency</td>
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</tr>
<tr>
<td>Sampling Responsibility</td>
<td>Project Personnel</td>
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<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
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<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>One - set of cylinders per truck load</td>
</tr>
<tr>
<td>Technician Certifications</td>
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#### Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

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<td>IA Type</td>
<td>Concrete</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Metric</td>
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<tr>
<td>Sample/Test Remarks</td>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/24/1999

**Performed By:** rpace

**Check In:** Setting IA Format

**Comment:**

```
```
# Concrete, Drilled Pier

## General

<table>
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<td>12/31/2075</td>
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<tr>
<td>Default Auth Lab</td>
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<td></td>
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<td>MSG Responsibility</td>
<td>Physical Lab</td>
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## Methods of Acceptance

<table>
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<tr>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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## Certification

<table>
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<tr>
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<tbody>
<tr>
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</tr>
<tr>
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- **M&T 913 Report (Steel)**

## Testing Requirements

<table>
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<th>Test Category</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
<td>10.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>100.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One set of cylinders per truck load

## Technician Certifications

- **Type:** Sampling
  - Certification(s): Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

## Test Formats

1. Concrete Cylinders Test - Version 13

   - **Owning Lab:** Physical Lab
   - **Metric/English Code:** English
   - **IA Type:** Concrete

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Drilled Pier

General

<table>
<thead>
<tr>
<th>Status:</th>
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<tr>
<td>Version:</td>
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<tr>
<td>From Date:</td>
<td>07/17/1997</td>
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<tr>
<td>To Date:</td>
<td>12/11/1999</td>
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</table>

Group: Concrete

How Received: Material Receipt

Metric/English: Metric

Facility Type: Ready-Mix Concrete

Default Auth Lab: Physical Lab

Project Certification: Critical

MSG Responsibility: Physical Lab

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | [ ] |

Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
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<tr>
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M&T 913 Report (Steel)

Testing Requirements

Sample Comment: One - set of cylinders per truck load

Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab

IA Type: Concrete

Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/17/1997

Performed By: dgreene

Check In: Archive data come from Minimum Sampling Guide on v3.0

Comment: Production db
Concrete, Drilled Pier

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 07/17/1997    To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: M&T 250, M&T 253, and M&T 903; Pay Adj Required

Testing Requirements

Sample Comment: One - set of cylinders per truck load
Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

   Owning Lab: Physical Lab
   IA Type: Concrete

   Metric/English Code: English

   Sample/Test Remarks:

Certification: N/A

Responsibility

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/17/1997
Performed By: dgreene
Check In Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Concrete, Drilled Pier

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete

Status: History
Version: 2.00
From Date: 04/28/1999 To Date: 06/21/2001

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 10.00 Project Personnel M&T Lab

Sample Comment: One - set of cylinders per truck load
Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13
   
   Owning Lab: Physical Lab
   IA Type: Concrete
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Drilled Pier

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.01
From Date: 09/05/2001 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Certification:

<table>
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<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T  M&amp;F  Both</td>
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<tr>
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</table>

Sample/Test Remarks:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 8.00 | Project Personnel | M&T Lab
IA - Comparative | 80.00 | M&T Field | M&T Lab

Sample Comment:

One - set of cylinders per truck load

Technician Certifications:

Type | Certification(s)
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Added IA Info
Comment:
**Concrete, Drilled Pier**

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
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### Certification

<table>
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<th>Responsibility</th>
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<tbody>
<tr>
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### Testing Requirements

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<th>Test Category</th>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
<td>IA - Comparative</td>
<td>80.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** One - set of cylinders per truck load

### Technician Certifications

- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

   - **Owning Lab:** Physical Lab
   - **Metric/English Code:** Metric
   - **IA Type:** Concrete
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*
## Concrete, Drilled Pier

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Status
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

### Small Quantity: □
- Other Reports: M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Lab</td>
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<tr>
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<td>80.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:
One - set of cylinders per truck load

### Technician Certifications:
- **Type:** Sampling
  - Certification(s): Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats
1. Concrete Cylinders Test (Metric) - Version 2
   - **Owning Lab:** Physical Lab
   - **Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: rpace

Check In: Added IA Info

Comment:
### Concrete, Epoxy Overlay

#### General

- **Group:** Concrete
- **HowReceived:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab
- **Status:** Current
- **Version:** 1.00
- **From Date:** 10/20/2011
- **To Date:** 12/31/2075

#### Methods of Acceptance

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<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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#### Certification:

- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

  - M&T 913 Report (Steel)

#### Testing Requirements

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<th>Testing Responsibility</th>
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<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:**
  - One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
  - IA - All classes other than pavement, set of two cylinders each project every 1000 cubic yards.

#### Technician Certifications:

- **Type:** Sampling
  - **Certification(s):**
    - Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/20/2011
Performed By: rpace
Check In: okay
Comment:
Concrete, Foamed

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab
IA - Comparative 1,000.00 M&T Field M&T Lab

Sample Comment: One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
IA - All classes other than pavement, 1 set of two cylinders each project every 1000 cubic yards.

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Foamed Concrete Cylinders Compression Test - Version 2

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Foamed

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 08/16/2002 To Date: 08/16/2002

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 80.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Foamed Concrete Cylinders Compression Test - Version 1
   
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/16/2002
Perform By: twhittington
Check In: New Product
Comment:
Concrete, Foamed

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type

Responsibility

○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab
IA - Non-comparative 1,000.00 M&T Field M&T Lab

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Foamed Concrete Cylinders Compression Test - Version 2

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Foamed

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 08/16/2002 To Date: 08/16/2002

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type
(Nonne)
(Nonne)
(Nonne)
M&T RE Both
M&T RE Both
M&T RE Both

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Foamed Concrete Cylinders Compression Test - Version 2

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/16/2002
Performed By: twhittington
Check In: New Product
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Concrete, Foamed

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab
IA - Non-comparative 1,000.00 M&T Field M&T Lab

Sample Comment:

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Foamed Concrete Cylinders Compression Test - Version 2

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Foamed

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 08/16/2002  To Date: 08/16/2002

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100.00 | Project Personnel | M&T Lab
IA - Non-comparative | 1,000.00 | M&T Field | M&T Lab

Sample Comment:

Type | Certification(s)
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Foamed Concrete Cylinders Compression Test - Version 2

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Foamed

### General
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Ready-Mix Concrete  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab  
- **Status:** Current  
- **Version:** 3.00  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** N/A  
- **Other Reports:** M&T 250, M&T 253, and M&T 903

### Certification
- **Type:** N/A  
- **Responsibility:** N/A

### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
--- | --- | --- | ---
Acceptance | 100.00 | Project Personnel | M&T Lab
IA - Non-comparative | 1,000.00 | M&T Field | M&T Lab

### Sample Comment:

### Technician Certifications:
- **Type** | **Certification(s)**
--- | ---
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats
1. Foamed Concrete Cylinders Compression Test - Version 1
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Concrete, Foamed (Metric) - Changed Project  
**Comment:** Certification Code to Critical.
# Concrete, Foamed

## General

<table>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest                | N/A                                        |
| Alt ID Matching        | (None)                                     |
| Sample/Test            | Required                                   |
| Approved List          | N/A                                        |
| Visual Inspection      | N/A                                        |
| Catalog Cut            | N/A                                        |
| Field Inspection       | N/A                                        |
| Small Quantity         |                                            |
| Other Reports          | M&T 250, M&T 253, and M&T 903              |

### Certification

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- M&T 913 Report (Steel)

### Testing Requirements

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<td>M&amp;T Lab</td>
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<td>IA - Non-comparative</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

### Sample Comment:

Foamed Concrete, Metric to 100 cubic meters.

### Technician Certifications:

- **Type**: Sampling
- **Certification(s)**: Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. Foamed Concrete Cylinders Compression Test - Version 1

   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: None

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 08/28/2002

**Performed By**: twittington

**Check In**: Foamed Concrete, Metric to 100 cubic meters.

**Comment**: None
### Concrete, Foamed

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

#### Testing Requirements

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<td>IA - Non-comparative</td>
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#### Sample Comment:

**Technician Certifications:**
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

#### Test Formats

1. **Foamed Concrete Cylinders Compression Test - Version 1**

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/16/2002  
**Performed By:** twittington  
**Check In**  
**Comment:**
Concrete, Foamed

General

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</table>

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | | |

Certification:

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Testing Responsibilities

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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
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<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Non-comparative</td>
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<td>M&amp;T Lab</td>
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</tbody>
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Sample Comment:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Test Formats

1. Foamed Concrete Cylinders Compression Test - Version 1

   | Owner Lab: Physical Lab |
   | IA Type: None |
   | Metric/English Code: Metric |
   | Sample/Test Remarks: |

Action Date: 11/15/2006
Performed By: conv
Check In: Concrete, Foamed (Metric) - Changed Project
Comment: Certification Code to Critical.
### Concrete, Foamed

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Effective:** N/A
- **Visual Inspection:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

#### Testing Requirements

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<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
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<tr>
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<td>M&amp;T Lab</td>
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#### Sample Comment:

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Certification(s):**
- Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

---

**Test Formats**

1. **Foamed Concrete Cylinders Compression Test - Version 1**
   - **Owning Lab:** Physical Lab
   - **Metric/English Code:** Metric
   - **IA Type:** None

---

**Check In**

- **Action Date:** 02/01/2012
- **Performed By:** dimiller
- **Comment:**
### Concrete, Latex Modified

**General**

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**Status:** History  
**Version:** 2.01  
**From Date:** 09/05/2001  
**To Date:** 09/23/2006

**Methods of Acceptance**

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<th>Pretest</th>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
</tr>
</tbody>
</table>

**Certification:** N/A  
**Type:**  
**Responsibility:**

- (None)
- (None)
- (None)

- [ ] M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- One sample per 100 cu. yds. of concrete placed.  
- One sample equals 2 cylinders.

**Technician Certifications:**

- **Type:** Sampling  
  **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

**Test Formats**

1. **Concrete Cylinders Test - Version 13**

   - **Owning Lab:** Physical Lab  
   - **IA Type:** Concrete  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Latex Modified

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.01
From Date: 09/05/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903

Certification: N/A
Type N/A
Responsibility
(None)
M&T RE Both
M&T RE Both
M&T RE Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 80.00 Project Personnel M&T Lab
IA - Comparative 800.00 M&T Field M&T Lab

Sample Comment: One Sample per 80 cu. meters placed.
One sample equals 2 cylinders.

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab Metric/English Code: Metric
IA Type: Concrete Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Latex Modified

General

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<td>MSG Responsibility</td>
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<td>To Date</td>
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Certification:

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Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
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<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One Sample per 80 cu. meters placed. One sample equals 2 cylinders.

Technician Certifications:

- Sampling: Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: Added IA Info
Comment:
Concrete, Latex Modified

General

Group: Concrete
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 04/14/1999 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment: One - set of cylinders per each 100 square yards placed.
Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: English
Sample/Test Remarks:

Certification: N/A
Type
(None)
(None)
(None)
Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/1999
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Concrete, Latex Modified

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Volumetric Concrete Truck
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 4.00
From Date: 01/31/2013 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per each placement operation per onsite batch truck placed or fraction thereof per day. IA - All classes other than pavement, set of two cylinders each project every 1000 cubic yards.

Technician Certifications:

- Type: Sampling
- Certification(s): Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/30/2013
Performed By: rpace
Check In: change facility type to volumetric
Comment:
## Concrete, Latex Modified

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Status
- **Status:** Archive
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 01/30/2013

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** M&T 250, M&T 253, and M&T 903

### Testing Requirements

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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
One sample per 100 cu. yds. of concrete placed.
One sample equals 2 cylinders.

### Technician Certifications
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

### Test Formats
1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Latex Modified

General
Group: Concrete
Status: Current
How Received: Material Receipt
From Date: 01/31/2013
Version: 4.01
To Date: 12/31/2075
Metric/English: English
Facility Type: Volumetric Concrete Truck

Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 100.00 | Project Personnel | M&T Lab |
IA - Comparative | 1,000.00 | M&T Field | M&T Lab |

Sample Comment: One set of cylinders per each placement operation per onsite batch truck placed or fraction thereof per day. IA - All classes other than pavement, set of two cylinders each project every 1000 cubic yards.

Technician Certifications:
Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13

Owning Lab: Physical Lab
IA Type: Concrete

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Latex Modified

General
Group: Concrete  Status: Expired
How Received: Material Receipt  Version: 3.01
Metric/English: English  From Date: 01/01/1999  To Date: 01/30/2013
Facility Type: (None)  Default Auth Lab: Physical Lab
Project Certification: Critical  MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A  Certification: N/A  Type: N/A  Responsibility: (None)
Alt ID Matching: (None)  (None)  (None)  M&T
Sample/Test: Required  M&T 250, M&T 253, and M&T 903
Approved List: N/A  (None)  M&T 250, M&T 253, and M&T 903
Visual Inspection: N/A  (None)  M&T 250, M&T 253, and M&T 903
Catalog Cut: N/A  (None)  M&T 250, M&T 253, and M&T 903
Field Inspection: N/A  (None)  M&T 250, M&T 253, and M&T 903
Small Quantity:  M&T 250, M&T 253, and M&T 903
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  100.00  Project Personnel  M&T Lab
IA - Comparative  1,000.00  M&T Field  M&T Lab

Sample Comment: One sample per 100 cu. yds. of concrete placed.
One sample equals 2 cylinders.

Technician Certifications:
Type  Certification(s)
Sampling  Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) OR Concrete Field Technician (Testing_old)

Test Formats
1. Concrete Cylinders Test - Version 13
Owning Lab: Physical Lab  Metric/English Code: English
IA Type: Concrete  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Latex Modified

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Volumetric Concrete Truck
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One Sample per 80 cu. meters placed.

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test (Metric) - Version 2

  Owning Lab: Physical Lab
  Metric/English Code: Metric
  IA Type: Concrete
  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/02/2016
Performed By: rpace
Check In: fixed approved plant
Comment:
### Concrete, Latex Modified

#### General
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Ready-Mix Concrete  
- **Status:** Expired  
- **Version:** 3.01  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** M&T 250, M&T 253, and M&T 903

#### Testing Requirements
<table>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One Sample per 80 cu. meters placed. One sample equals 2 cylinders.

#### Technician Certifications:
- **Type:** Sampling  
  - **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

#### Test Formats
1. **Concrete Cylinders Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** Concrete  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/21/2010  
**Performed By:** rpace  
**Check In:** Corrected Facility Type Requiremntn  
**Comment:**
Concrete, Latex Modified

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 10/14/1999 To Date: 06/21/2001

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 80.00 | Project Personnel | M&T Lab

Sample Comment: One Sample per 80 cu. meters placed. One sample equals 2 cylinders.

Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Latex Modified

### General

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### Methods of Acceptance

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### Testing Requirements

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</tbody>
</table>

**Sample Comment:**
One sample per 100 cu. yds. of concrete placed.
One sample equals 2 cylinders.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
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### Test Formats

1. **Concrete Cylinders Test - Version 13**

   **Owning Lab:** Physical Lab
   **IA Type:** Concrete
   **Metric/English Code:** English
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** rpace
**Check In:** Added IA Info
**Comment:**
### Concrete, Latex Modified

**General**

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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

**Status:** History  
**Version:** 1.00  
**From Date:** 05/16/1997  
**To Date:** 12/11/1999

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903; Prepayment Invoice Required; Pay Adj Required</td>
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**Testing Requirements**

<table>
<thead>
<tr>
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<th>Value</th>
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<tbody>
<tr>
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</table>

**Test Formats**

1. Concrete Cylinders Test (Metric) - Version 2

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>Concrete</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Metric</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/16/1997  
**Performed By:** twhillington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Concrete, Latex Modified

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
- Test Category: Acceptance
- Sample Frequency: 100.00
- Sampling Responsibility: Project Personnel
- Testing Responsibility: M&T Lab

Technician Certifications: (None)

Test Formats
1. Concrete Cylinders Test - Version 13
   - Owning Lab: Physical Lab
   - IA Type: Concrete
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Polyester Polymer Materials

### General
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 1.01
- **From Date:** 06/15/2017
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer's Certification</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)
**Concrete, Polyester Polymer Materials**

**General**
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Volumetric Concrete Truck
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
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<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>Required</td>
<td></td>
</tr>
</tbody>
</table>

**From Date:** 06/15/2017  **To Date:** 12/31/2075
Concrete, Sand Lightweight

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One set of cylinders per each 80 cubic meters placed or fraction thereof.

Technician Certifications:

- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Light Weight Concrete Compression Test (Metric) - Version 1

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Concrete, Sand Lightweight

### General

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest          | N/A |
| Alt ID Matching  | (None) |
| Sample/Test      | Required |
| Approved List    | N/A |
| Visual Inspection| N/A |
| Catalog Cut      | N/A |
| Field Inspection | N/A |

### Small Quantity

- M&T 250, M&T 253, and M&T 903

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- One - set of cylinders per each placement operation per each 100 cubic yards placed or fraction thereof.
- IA - All classes other than pavement, set of two cylinders each project every 1000 cubic yards.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Light Weight Concrete Compression - Version 2**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
Concrete, Sand Lightweight

### General
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Metric
- **From Date:** 05/16/1997
- **To Date:** 12/11/1999
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Pay Adj Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

### Testing Requirements
- **Sample Comment:** One - set of cylinders per each 80 cubic meters placed or fraction thereof.
- **Technician Certifications:** (None)

### Test Formats
1. **Light Weight Concrete Compression Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 05/16/1997  Performer By: twittington
Check in Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db*
Concrete, Sand Lightweight

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity:
- Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.

Technician Certifications:
- Type: Sampling
- Certification(s):
  - Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Light Weight Concrete Compression - Version 2

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
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</thead>
<tbody>
<tr>
<td>Physical Lab</td>
<td>English</td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Sand Lightweight

General

- Group: Concrete
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Status: Correcting
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A

Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

Sample Comment: One - set of cylinders per each 80 cubic meters placed or fraction thereof.

Technician Certifications:

- Sampling: M&T 913 Report (Steel)

Test Formats

1. Light Weight Concrete Compression Test (Metric) - Version 1

- Own Lab: Physical Lab
- Metric/English Code: Metric
- IA Type: Concrete

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
Concrete, Sand Lightweight

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 09/05/2001 To Date: 09/05/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 100.00 | Project Personnel | M&T Lab
IA - Comparative | 1,000.00 | M&T Field | M&T Lab

Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.

Technician Certifications: (None)

Test Formats

1. Light Weight Concrete Compression - Version 2

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Concrete, Sand Lightweight

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
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<th>History</th>
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</thead>
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<td>Version</td>
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<td>09/23/2006</td>
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<td>Default Auth Lab</td>
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<tr>
<td>MSG Responsibility</td>
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Methods of Acceptance

<table>
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<tr>
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<th>Certification</th>
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<tbody>
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<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Inspection</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Small Quantity</td>
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<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>1,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - set of cylinders per each 100 cubic yards placed or fraction thereof.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

Test Formats

1. Light Weight Concrete Compression - Version 2

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Physical Lab</th>
<th>Metric/English Code</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>Concrete</td>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Added IA Info
Comment: 
## Concrete, Sand Lightweight

### General

<table>
<thead>
<tr>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest        | N/A            |
| Alt ID Matching| (None)         |
| Sample/Test    | Required       |
| Approved List  | N/A            |
| Visual Inspection | N/A         |
| Catalog Cut    | N/A            |
| Field Inspection| N/A            |

<table>
<thead>
<tr>
<th>Certification</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Responsibility</td>
<td></td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** One - set of cylinders per each 100 cubic yards placed or fraction thereof.

- **Technician Certifications:** (None)

### Test Formats

1. **Light Weight Concrete Compression - Version 2**

   - **Owning Lab:** Physical Lab
   - **IA Type:** Concrete
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date:* 05/16/1997  
*Performed By:* twhittington  
*Check In:* Archive data come from Minimum Sampling Guide on v3.0  
*Comment:* Production db
Concrete, Sand Lightweight

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 3.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: M&T 250, M&T 253, and M&T 903

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 80.00 | Project Personnel | M&T Lab
IA - Comparative | 800.00 | M&T Field | M&T Lab

Sample Comment: One - set of cylinders per each 80 cubic meters placed or fraction thereof.

Technician Certifications:
Type | Certification(s)
--- | ---
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Light Weight Concrete Compression Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: Concrete
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Concrete, Sand Lightweight

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>09/05/2001</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<td>MSG Responsibility</td>
<td>Physical Lab</td>
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### Methods of Acceptance

<table>
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<tr>
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<td>Alt ID Matching</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903</td>
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### Certification

<table>
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### Testing Requirements

<table>
<thead>
<tr>
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<th>Testing Responsibility</th>
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<td>M&amp;T Lab</td>
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</tbody>
</table>

### Sample Comment

One set of cylinders per each 80 cubic meters placed or fraction thereof.

### Technician Certifications

(None)

### Test Formats

1. **Light Weight Concrete Compression Test (Metric) - Version 1**

   **Owing Lab:** Physical Lab
   **IA Type:** Concrete
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/05/2001

**Performed By:** rpace

**Check In:** Added IA information for Lightweight Concrete

**Comment:**
### Concrete, Volumetric - Beams

#### General
- **Group:** Concrete
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.02
- **Metric/English:** English
- **From Date:** 08/28/2017  
  **To Date:** 12/31/2075
- **Facility Type:** Volumetric Concrete Truck
- **Default Auth Lab:** REs Sample Authorization Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Concrete Pavement

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>IA - Comparative</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:

- **Technician Certifications:**
  - **Type:** Sampling
    - **Certification(s):** Concrete Field Technician (Testing)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/30/2017  
**Performed By:** fdward

**Check In:** Added Concrete Pavement FIR - Required  
**Comment:**
# Concrete, Volumetric - Beams

## General

<table>
<thead>
<tr>
<th>Field</th>
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<tr>
<td>Group</td>
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<td>MSG Responsibility</td>
<td>Physical Lab</td>
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## Status

- **Status**: Expired
- **Version**: 1.01
- **From Date**: 08/28/2017
- **To Date**: 12/31/2075

## Methods of Acceptance

<table>
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## Other Reports

- **Certification**: N/A
- **Type**: M &T
- **Responsibility**: (None)

## Testing Requirements

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
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## Sample Comment

- **Comment**: Accepted by Sample not FIR

## Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Sampling</td>
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### Concrete, Volumetric - Beams

#### General

<table>
<thead>
<tr>
<th>Field</th>
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<tr>
<td>Group</td>
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<tr>
<td>From Date</td>
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<td>To Date</td>
<td>12/31/2075</td>
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#### Methods of Acceptance

<table>
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<td>Field Inspection</td>
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</table>

- **Certification Type**: N/A
- **Responsibility**: M&T 913 Report (Steel)

- **Testing Responsibility**: M&T Lab

- **Sample Test**: Concrete Pavement

#### Testing Requirements

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

#### Sample Comment:

- **Technician Certifications:**
  - **Type**: Sampling
  - **Certification(s)**: Concrete Field Technician (Testing)
## Concrete, Volumetric - Beams

### General
- **Status:** Current
- **Version:** 1.03
- **From Date:** 08/28/2017
- **To Date:** 12/31/2075
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Volumetric Concrete Truck
- **Default Auth Lab:** REs Sample Authorization Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:**

### Testing Requirements

<table>
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<th>Testing Responsibility</th>
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<td>M&amp;T Lab</td>
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### Sample Comment:
- **Technician Certifications:**
  - **Type:** Sampling
  - **Certification(s):** Concrete Field Technician (Testing)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/31/2017  
**Performed By:** fdward  
**Check In:** Removed Concrete Pavement FIR from record  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Concrete, Volumetric - Cylinders

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Volumetric Concrete Truck
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.02
From Date: 08/28/2017 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

Type

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<tbody>
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<tr>
<td>(None)</td>
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<tr>
<td>(None)</td>
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Inspection Type(s): Concrete Pavement

Testing Requirements

<table>
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<th>Testing Responsibility</th>
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Sample Comment:

Technician Certifications:

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/30/2017
Performed By: fdward
Check In: Added Concrete Pavement FIR - Required
Comment:
Concrete, Volumetric - Cylinders

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Volumetric Concrete Truck
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.01
From Date: 08/28/2017
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:☐

Certification: N/A

Type

(None)

Responsibility

○ M&T ○ RE ○ Both

○ M&T ○ RE ○ Both

○ M&T ○ RE ○ Both

[ ] M&T 913 Report (Steel)

Other Reports:

Testing Requirements

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Sample Comment:

Technician Certifications:

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</table>
Concrete, Volumetric - Cylinders

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Volumetric Concrete Truck
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Status: Current
Version: 1.03
From Date: 08/28/2017
To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: False

- Certification: N/A
  - Type: N/A
  - M & T
  - RE
  - Both
  - (None)

Testing Requirements

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Sample Comment:

- Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Technician Certifications:

- Type: Sampling
  - Certification(s): Concrete Field Technician (Testing)
# Concrete, Volumetric - Cylinders

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tr>
<td>Group</td>
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<tr>
<td>Metric/English</td>
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<td>Default Auth Lab</td>
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<td>Project Certification</td>
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</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
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</table>

## Methods of Acceptance

- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Optional
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T</td>
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</table>

### Inspections

- **Inspection Type(s)**: Concrete Pavement

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>13,333.00</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

## Sample Comment

- **Technician Certifications**:
  - **Type**: Sampling
  - **Certification(s)**: Concrete Field Technician (Testing)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 08/28/2017  
**Performed By**: Edward

**Check In**: Added Concrete, Volumetric - Cylinders

**Comment**: 

---
## Cured-In-Place Liner

### General

- **Group:** Miscellaneous  
- **Status:** Current  
- **Version:** 1.00  
- **From Date:** 07/15/2015  
- **To Date:** 12/31/2075  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** Other  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
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### Certification

<table>
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<tr>
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</table>

- **M&T 913 Report (Steel):**

### Testing Requirements

- **Sample Comment:** New Product - NP14-6706
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/15/2015  
**Performed By:** fdward  
**Check In:** New Product - NP14-6706  
**Comment:**

---
### Curing Blankets

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/15/1997
- **To Date:** 12/11/1999
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Pay Adj Required

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

#### Test Formats
1. Field Section Miscellaneous Test - Version 3
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** dgreen  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Curing Blankets

General

<table>
<thead>
<tr>
<th>Group:</th>
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<tr>
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<td>Project Certification:</td>
<td>Non-Critical</td>
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<td>MSG Responsibility:</td>
<td>Field Section</td>
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</table>

Status: Current
Version: 3.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

| Pretest:      | N/A                                |
| Alt ID Matching: | (None)                           |
| Sample/Test:  | N/A                               |
| Approved List:| Required                          |
| Visual Inspection: | N/A                           |
| Catalog Cut:  | N/A                               |
| Field Inspection: | N/A                             |
| Small Quantity: | □                                 |
| Other Reports: |                                   |

Certification: N/A
Type: N/A
Responsibility:
- (None)

- M&T
- RE
- Both

- (None)

- M&T
- RE
- Both

- (None)

- M&T
- RE
- Both

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Curing Blankets

General
- Group: Miscellaneous
- Status: Expired
- How Received: Material Receipt
- Version: 3.01
- Metric/English: Both
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: None
- Other Reports: None

Testing Requirements
- Sample Comment: Changed MSG group from Concrete to Misc.
- Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG group from Concrete to Misc.
Comment:
Curing Blankets

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 2.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports:

Certification: N/A
Type
Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owner Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: tww - changed Grates, Steel to CRITICAL
Comment:
## Curing Blankets

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Methods of Acceptance

| Pretest:          | N/A          |
| Alt ID Matching:  | (None)       |
| Sample/Test:      | N/A          |
| Approved List:    | Required     |
| Visual Inspection:| N/A          |
| Catalog Cut:      | N/A          |
| Field Inspection: | N/A          |
| Small Quantity:   |             |
| Other Reports:    |             |

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** tww - changed Grates, Steel to CRITICAL  
**Comment:**

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<tr>
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<tbody>
<tr>
<td>Type</td>
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</tr>
<tr>
<td>Responsibility</td>
<td>M&amp;T  RE Both</td>
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<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>
Curing Blankets

General

Group: Concrete  Status: History  Version: 2.00
How Received: Material Receipt  From Date: 03/15/2000  To Date: 03/15/2000
Metric/English: Both  Facility Type: (None)
Default Auth Lab: Field Section  Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A  Alt ID Matching: (None)
Sample/Test: N/A  Approved List: Required
Visual Inspection: N/A  Catalog Cut: N/A
Field Inspection: N/A  Small Quantity: □
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Certification: N/A  Type
(None)  Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000  Performed By: thjones
Check In: In step changes  Comment:
# Curing Blankets

## General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Expired
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** None
- **Certification:** N/A
- **Responsibility:**
  - (None)
  - M&MT
  - RE
  - Both

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Curing Compound

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric

Status: Correcting
Version: 2.03
From Date: 01/01/1999 To Date: 12/31/2075

Default Auth Lab: Physical Lab
Default Project Certification: Non-Critical

MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Call M&T

Certification: N/A

Responsibility

Type

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<tr>
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<th>Both</th>
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<tr>
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<td>Both</td>
</tr>
<tr>
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<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verifcation | 7,000.00 | M&T Lab | M&T Lab

Sample Comment: Sampled by M&T Unit. Lot number is stamped on container. Alt. ID type is "Lot" and format is 7CC896. Sample size is one quart container.

Technician Certifications: (None)

Test Formats

1. Curing Compound Test - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
Curing Compound

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Call M&T

Certification: N/A
Type
Responsibility
(None)
M&T ○ RE ○ Both
M&T ○ RE ○ Both
M&T ○ RE ○ Both

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 2,000.00 M&T Lab M&T Lab

Sample Comment: Sampled by M&T Unit. Lot number is stamped on container. Alt Id. Type is "Lot". Format is series of letters and numbers (ie 7CC896). Sample size for approval is one gallon.

Technician Certifications: (None)

Test Formats

1. Curing Compound Test - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG Group from Concrete to Misc.
Comment:
Curing Compound

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Call M&T

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 7,000.00 M&T Lab M&T Lab

Sample Comment:
Sampled by M&T Unit. Lot number is stamped on container. Alt. ID type is "Lot" and format is 7CC896. Sample size is one gallon container.

Technician Certifications:

Test Formats

1. Curing Compound Test - Version 4

   Owning Lab: Physical Lab
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/09/2007
Performed By: rpace
Check In: Changed from approved list to Pretest with Alt ID required.
Comment: - rkp
Curing Compound

General

- Group: Concrete
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Physical Lab

Methods of Acceptance

- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Call M&T; Pay Adj Required

Testing Requirements

- Sample Comment: One - sample per lot.
- Technician Certifications: (None)

Test Formats

1. Curing Compound Test - Version 4

   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Certification: N/A

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<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
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</tr>
<tr>
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<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
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<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Curing Compound

General
Group: Miscellaneous
Status: Current
How Received: Material Receipt
Version: 2.02
Metric/English: Metric
From Date: 01/01/1999
Default Auth Lab: Physical Lab
To Date: 12/31/2075
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Other Quantity: Call M&T

Certification: N/A
Type: M & T RE Both
Responsibility

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>7,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sampled by M&T Unit. Lot number is stamped on container. Alt. ID type is "Lot" and format is 7CC896. Sample size is one gallon container.

Technician Certifications: (None)

Test Formats
1. Curing Compound Test - Version 4

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks: M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Minimum Sampling Guide**

---

### Curing Compound

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Call M&T

#### Certification
- **Certification:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

#### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 2,000.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

**Sample Comment:** Sampled by M&T Unit. Lot number is stamped on container. Alt Id. Type is "Lot". Format is series of letters and numbers (ie 7CC896). Sample size for approval is one gallon.

**Technician Certifications:** (None)

### Test Formats
- **1. Curing Compound Test - Version 4**
  - **Owning Lab:** Physical Lab
  - **IA Type:** None
  - **Metric/English Code:** Both
  - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/09/2007  
**Performed By:** rpace

**Check In:** Changed to pretest, alt id required. - rkp

**Comment:**

---
Curing Compound

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Call M&T

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 2,000.00 | M&T Lab | M&T Lab

Sample Comment: One - 2000 gallons

Technician Certifications: (None)

Test Formats

1. Curing Compound Test - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Curing Compound

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/16/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Call M&T; Pay Adj Required

Certification: N/A

Responsibility:
- M&T
- RE
- Both

Selection:
☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment: One - sample per lot.
Technician Certifications: (None)

Test Formats
1. Curing Compound Test - Version 4

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997 Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0 Comment: Production db
### Curing Compound

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tr>
<td>Group</td>
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<tr>
<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

**Status:** Expired  
**Version:** 2.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

| Pretest                  | Optional                     |
| Alt ID Matching          | No Match                     |
| Sample/Test              | Optional                     |
| Approved List            | Required                     |
| Visual Inspection        | N/A                          |
| Catalog Cut              | N/A                          |
| Field Inspection         | N/A                          |
| Small Quantity           | N/A                          |
| Other Reports            | Call M&T                     |

**Certification:** N/A  
**Type:**  
**Responsibility:**  
- (None)
- (None)
- (None)

- M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>7,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One per 7000 liters  
**Technician Certifications:** (None)

**Test Formats**

1. Curing Compound Test - Version 4

**Owning Lab:** Physical Lab  
**IA Type:** None  
**Metric/English Code:** Both  
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Curing Compound

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Call M&T

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 2,000.00 | M&T Lab | M&T Lab

Sample Comment: Sampled by M&T Unit. Lot number is stamped on container. Alt Id. Type is "Lot". Format is series of letters and numbers (ie 7CC896). Sample size for approval is one quart.

Technician Certifications: (None)

Test Formats
1. Curing Compound Test - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Curing Compound

### General

<table>
<thead>
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### Methods of Acceptance

<table>
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<th>Details</th>
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<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>Match Alt ID/Match from Sample</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Call M&amp;T</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certification</td>
<td>N/A</td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Responsibility</td>
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<table>
<thead>
<tr>
<th>Type</th>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sampled by M&T Unit. Lot number is stamped on container. Alt Id. Type is "Lot". Format is series of letters and numbers (ie 7CC896). Sample size for approval is one quart.

Technician Certifications: (None)

### Test Formats

1. Curing Compound Test - Version 4

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Physical Lab</th>
</tr>
</thead>
</table>

  | IA Type      | None         |

  | Metric/English Code | Both         |

  | Sample/Test Remarks |            |

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2013

Performed By: rpace

Check In: NEW MSG 2013

Comment:
Curing Compound

General
Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 2.03
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Call M&T

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 2,000.00 | M&T Lab | M&T Lab

Sample Comment: Sampled by M&T Unit. Lot number is stamped on container. Alt Id. Type is "Lot". Format is series of letters and numbers (ie 7CC896). Sample size for approval is one quart.

Technician Certifications: (None)

Test Formats
1. Curing Compound Test - Version 4

Owning Lab: Physical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# North Carolina Department of Transportation

## Minimum Sampling Guide

### Deck Drains

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Structural</th>
<th>Status: Archive</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version: 1.01</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
<td>From Date: 01/01/1999 To Date: 06/05/2012</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Optional</th>
<th>Certification: N/A Type (None)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
<td>Responsibility M&amp;T RE Both</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>Required</td>
<td>Inspection Type(s): Structural Steel</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td></td>
<td></td>
</tr>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>300.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- **ENGLISH:** One - per 1000 feet
- **METRIC:** One - per 300 meters. Note: PVC Pipe accepted by Catalogue Cut (RE). Steel Pipe accepted by FIR (M&T).

**Technical Certifications:** (None)
Deck Drains

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 1,000.00 M&T Lab M&T Lab

Sample Comment:
Technician Certifications: (None)

Action Date: 02/14/2013 Performed By: rpace
Check In: New 2013 MSG
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Deck Drains

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Pay Adj Required

Testing Requirements
Sample Comment:
ENGLISH: One - 6 inch length per lot.
METRIC: One - 150 mm length per lot.

Certification: N/A
Type
(1) M&T (2) RE (3) Both
(1) M&T (2) RE (3) Both
(1) M&T (2) RE (3) Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment: ENGLISH: One - 6 inch length per lot.
METRIC: One - 150 mm length per lot.

Technician Certifications: (None)

Action Date: 05/16/1997
Performed By: tw hit tington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Deck Drains

## General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

## Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel
- **Sample Comment:**
  - ENGLISH: One - per 1000 feet
  - METRIC: One - per 300 meters
- **Technician Certifications:** (None)

## Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>1,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- ENGLISH: One - per 1000 feet
- METRIC: One - per 300 meters

**Technician Certifications:** (None)
Deck Drains

General
- Group: Structural
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: Required
- Certification: N/A
- Responsibility: M&T

Testing Requirements
- Test Category: Verification
- Sample Frequency: 1,000.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Lab

Sample Comment:
- ENGLISH: One - per 1000 feet
- Note: PVC Pipe accepted by Catalogue Cut (RE). Steel Pipe accepted by FIR (M&T).
- Technician Certifications: (None)
Deck Drains

General
Group: Structural
Status: Expired
How Received: Material Receipt
Version: 1.00
Metric/English: Metric
From Date: 01/01/1999
Facility Type: (None)
To Date: 12/31/2075
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel
Small Quantity: 
Other Reports:

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 1,000.00 | M&T Lab | M&T Lab
Sample Comment: ENGLISH: One - per 1000 feet
| | | | METRIC: One - per 300 meters
Technician Certifications: (None)
## Deck Drains

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Structural</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
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<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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<tr>
<td>Status</td>
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<tr>
<td>From Date</td>
<td>01/01/1999</td>
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<tr>
<td>To Date</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<td>Pretest</td>
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<tr>
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<tr>
<td>Sample/Test</td>
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<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
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</table>

**Certification:** N/A  
**Type:**  
**Responsibility:**  
- M&T  
- RE  
- Both  

- (None)  

- M&T  
- RE  
- Both  

- M&T  
- RE  
- Both  

- M&T  
- RE  
- Both  

- M&T  
- RE  
- Both  

- M&T  
- RE  
- Both  

**Inspection Type(s):** Structural Steel

**Small Quantity:** ☐

**Other Reports:**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
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</table>

**Sample Comment:**

**Technician Certifications:** (None)

---

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
# Deck Drains

## General

<table>
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<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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<tr>
<td>Status</td>
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</tr>
<tr>
<td>Version</td>
<td>2.00</td>
</tr>
<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

## Methods of Acceptance

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

### Certification

- **Type:** N/A
- **Responsibility:**
  - (None)

### Inspection Type(s)

- Structural Steel

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment

- ENGLISH: One - per 1000 feet
- METRIC: One - per 300 meters

### Technician Certifications

- (None)

### Other Reports

- M&T 913 Report (Steel)

### Field Inspection

- Required
Deck Drains

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 02/25/2005  To Date: 09/23/2006

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: N/A

Certification: N/A
Type
(Non) M&T RE Both
(Non) M&T RE Both
(Non) M&T RE Both

Responsibility

Other Reports:

Testing Requirements
Test Category: Verification
Sample Frequency: 1,000.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Lab
Sample Comment:
ENGLISH: One - per 1000 feet
METRIC: One - per 300 meters

Technician Certifications: (None)

Action Date: 11/15/2006
Performed By: conv
Check In: Deck Drain - Both - FIR required on material.
Comment:
## Ditch Lining Materials

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
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<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Roadside Environmental Traffic Engineering</td>
</tr>
</tbody>
</table>

### Status

- **Version**: 3.00
- **From Date**: 06/06/2012
- **To Date**: 06/06/2012

### Methods of Acceptance

<table>
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<th>Value</th>
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<tbody>
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<tr>
<td>Alt ID Matching</td>
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<td>Sample/Test</td>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td>[ ]</td>
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<tr>
<td>Other Reports</td>
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### Certification

<table>
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<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
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<td>Type</td>
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</tr>
<tr>
<td>Responsibility</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment**: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab**: Field Section
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: None

---

**Action Date**: 06/05/2012  
**Performed By**: rpace  
**Check In**: exp; [ARCHIVE] ex[  
**Comment**: None
Ditch Lining Materials

General

Group: Landscape
How Received: Pay Record
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification:
Required

Type
Responsibility

3: Manufacturer's Certification
(Both)
(Both)
(Both)
M&T RE M&T RE M&T RE Both
(Both)
(Both)
(Both)
M&T RE M&T RE M&T RE Both

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
**Ditch Lining Materials**

**General**
- **Group**: Landscape
- **How Received**: Not Received
- **Metric/English**: Both
- **Facility Type**: (None)
- **Default Auth Lab**: Field Section
- **Project Certification**: Non-Critical
- **MSG Responsibility**: Roadside Environmental Traffic Engineering

**Methods of Acceptance**
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: Required
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: No
- **Other Reports**: Prepayment Invoice Required

**Testing Requirements**
- **Sample Comment**: (None)

**Test Formats**
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab**: Field Section
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: None

**Certification**
- **N/A**
- **Type**
- **Responsibility**
  - M&T
  - RE
  - Both
  - (None)

**Action Date**: 06/05/2012
**Performed By**: rpace
**Check In**: exp; [ARCHIVE] exp
**Comment**: 
### Ditch Lining Materials

**General**
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 01/01/1999  
**Performed By:** mnovello  
**Check In:** Changed How Received from Pay Record to Material  
**Comment:** Receipt Ditch Lining Materials - M
Ditch Lining Materials

General

- **Group:** Landscape
- **Status:** Archive
- **How Received:** Material Receipt
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 06/05/2012
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required

Testing Requirements

- **Test Category:** Acceptance
- **Sample Frequency:** 100,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

Sample Comment:

- **Technician Certifications:** (None)

Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Action Date: 01/01/1999
Performed By: mnovello
Check In: Changed How Received from Pay Record to Material
Comment: Receipt Ditch Lining Materials - B
## Ditch Lining Materials

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering
- **From Date:** 01/01/1999
- **To Date:** 06/05/2012

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required
- **Certification:**
  - **Type:** Required
  - **3: Manufacturer's Certification**
    - (None)
- **Responsibility**
  - M&T
  - RE
  - Both

### Testing Requirements
- **Test Category**
  - Acceptance
- **Sample Frequency**
  - 100,000.00
- **Sampling Responsibility**
  - Project Personnel
- **Testing Responsibility**
  - M&T Lab

### Sample Comment:
- (None)

### Technician Certifications:
- (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 01/01/1999  
**Performed By:** mnovello  
**Check In:** Changed How Received from Pay Record to Material  
**Comment:** Receipt Ditch Lining Materials - E
Ditch Lining Materials

General

Group: Landscape

How Received: Pay Record

Metric/English: English

Facility Type: (None)

Default Auth Lab: Chemical Lab

Project Certification: Minor

MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: N/A

Approved List: N/A

Visual Inspection: Required

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: 

Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: Required

Type

3: Manufacturer’s Certification

Responsibility

- M&T
- RE
- Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:
Ditch Lining Materials

General
Group: Landscape
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: Archive
Version: 3.00
From Date: 06/06/2012
To Date: 06/06/2012

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A

Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

M&T 913 Report (Steel)

Action Date: 06/05/2012
Performed By: rpace
Check In: exp; [ARCHIVE] Exp
Comment:
## Draw Bridge Machinery

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Structural</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**

(Added this per C. D. Greene, Jr. PE.)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Draw Bridge Machinery

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Structural</th>
<th>Status</th>
<th>Correcting</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>1.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>05/20/2010</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest:               | Required  |
| Alt ID Matching:       | No Match  |
| Sample/Test:          | Optional  |
| Approved List:        | N/A       |
| Visual Inspection:    | N/A       |
| Catalog Cut:          | N/A       |
| Field Inspection:     | Required  |

**Certification:**
- Optional
- 1: Certified Mill Test Report (None)
- [ ] M&T 913 Report (Steel)

**Responsibility:**
- M&T
- RE
- Both

**Inspection Type(s):** Structural Steel

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**

---
# Ductile Iron Drainage Castings - Experimental

### General

- **Group**: Miscellaneous
- **How Received**: Material Receipt
- **Metric/English**: Both
- **Facility Type**: (None)
- **Default Auth Lab**: Structural Members - Steel
- **Project Certification**: Minor
- **MSG Responsibility**: Structural Members

### Status

- **Version**: 1.00
- **From Date**: 08/30/2004
- **To Date**: 08/30/2004

### Methods of Acceptance

- **Pretest**: Required
- **Alt ID Matching**: No Match, Alt ID Required
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: No
- **Other Reports**: This material NOT to be used without permission from M&T; Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>15.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment**: 1 test bar per 15 units
- **Technician Certifications**: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/30/2004  
Performed By: dgreene

Check In: Experimental Material - Ductile Iron Grates and Frames

Comment: are NOT to be used without approval from M&T
Ductile Iron Drainage Castings - Experimental

**General**

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Status:** History

**Version:** 2.00

**From Date:** 08/30/2004  **To Date:** 08/30/2004

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

**Other Reports:** Ductile Iron Grate and Frames are NOT to be used without permission from M&T; Prepayment Invoice Required

**Testing Requirements**

- **Test Category:** Acceptance
- **Sample Frequency:** 15.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Lab

**Sample Comment:** 1 test bar per 15 units

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/30/2004  **Performed By:** dgreene

**Check In:** cdg  **Comment:** 
### Ductile Iron Drainage Castings - Experimental

#### General
- **Group:** Miscellaneous
- **Status:** Archive
- **Version:** 3.00
- **From Date:** 01/01/1999  
  **To Date:** 01/06/2009
- **Material Receipt**
- **Minor Structural Members**
- **Facility Type:** Cast Iron
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>15.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:**
  - Ductile Iron Grate and Frames are NOT to be used without permission from M&T; Prepayment Invoice Required

#### Testing Requirements

- **Type**
  - (None)
  - M&T
  - RE
  - Both

#### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Ductile Iron Drainage Castings - Expermental

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: Cast Iron
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 2.01
From Date: 08/30/2004 To Date: 09/23/2006

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification:
N/A
Type
(No)
Responsibility
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

M&T 913 Report (Steel)

Ductile Iron Grate and Frames are NOT to be used without permission from M&T; Prepayment Invoice Required

Testing Requirements
Test Category
Sample Frequency
Sampling Responsibility
Testing Responsibility
Acceptance
15.00
M&T Field
M&T Lab

Sample Comment: 1 test bar per 15 units
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Earthwork Excavations - Borrow

General

Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Samples required per "Borrow Pit Sample Guide". Sample size is 2 kg bags. 2 borings per Hectare.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: fmoody
Check In: Earthwork Excavations - Borrow - Metric - Changed How
Comment: Received from Pay Record to Not Received.
Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Owning Lab: Soils Lab</th>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: fmoody  
Check In: Earthwork Excavations - Borrow - Metric - Changed How  
Comment: Received from Pay Record to Not Received.
Earthwork Excavations - Borrow

**General**
- **Group:** Soils
- **Status:** Expired
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
</tbody>
</table>

- **Inspection Type(s):** Density Other Conventional Density Other Nuclear

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Conventional Density - 1 test per 5,000 CY for Acceptance. Nuclear Density - 1 test section per 5,000 CY for Acceptance, IA Comparative 1 per 50,000 CY

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

**Test Formats**

1. Conventional Density Test 1 - Version 1

| Owning Lab: | Soils Lab |
| IA Type: | None |

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

2. Conventional Density Test 1-A - Version 1
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

3. Soils for Quality - Version 4
   **Owning Lab:** Soils Lab  
   **IA Type:** Conventional Density  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

<table>
<thead>
<tr>
<th>Action Date</th>
<th>Performed By</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/14/2013</td>
<td>rpace</td>
</tr>
</tbody>
</table>

Check In: NEW 2013 MSG

Comment:
Earthwork Excavations - Borrow

General

Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Inspection Type(s): Density Other Conventional

Small Quantity: □
Other Reports:

Testing Requirements

Test Category     Sample Frequency     Sampling Responsibility     Testing Responsibility
Density            3,800.00             Project Personnel             Project Personnel
IA - Comparative  38,000.00            M&T Field                  M&T Field

Sample Comment: Density: 1 per 3800 cubic Meters for Acceptance. IA Comparative is 1 per 38000 cubic Meters. QUALITY: Sampled per Borrow Pit Sampling Guide, Sample size is 5 lb bag, per hectare.

Technician Certifications:

Type Certification(s)
Density Other Conventional Conventional Density Technician

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Ownning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

   
   Ownning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>Metric</td>
</tr>
</tbody>
</table>

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/13/2010  
Performed By: rpace

Check In: corrected Sampling Certification
Comment:
### Earthwork Excavations - Borrow

#### General
- **Group:** Soils
- **Status:** Expired
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A  
**Responsibility:**  
- (None) M&T  
- (None) RE  
- (None) Both  
- M&T  
- RE  
- Both  

**M&T 913 Report (Steel)**

**Inspection Type(s):** Density Other Conventional

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** DENSITY - 1 per 5,000 CY for Acceptance. IA Comparative 1 per 50,000 CY QUALITY - Sampled per "Borrow Pit Sample Guide". Sample size is 5 lbs. bags. 2 borings per Acre.

#### Technician Certifications:
- **Type:** Density Other Conventional
- **Certification(s):** Conventional Density Technician

#### Test Formats

1. **Conventional Density Test 1**  -  Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Conventional Density Test 1-A**  -  Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/13/2010  
**Performed By:** rpace

**Check In:** corrected Sampling Certification  
**Comment:**
### Test Formats

<table>
<thead>
<tr>
<th>Test</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>3.</td>
<td>Soils for Quality - Version 4</td>
</tr>
<tr>
<td></td>
<td><strong>Owning Lab:</strong> Soils Lab</td>
</tr>
<tr>
<td></td>
<td><strong>IA Type:</strong> Conventional Density</td>
</tr>
<tr>
<td></td>
<td><strong>Metric/English Code:</strong> English</td>
</tr>
<tr>
<td></td>
<td><strong>Sample/Test Remarks:</strong></td>
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</tbody>
</table>

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/13/2010  
**Performed By:** rpace  
**Check In:** corrected Sampling Certification  
**Comment:**
# Earthwork Excavations - Borrow

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
<td>2.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td>Certification</td>
<td>N/A</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

## Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** Required

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>3,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>38,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Density: 1 per 3800 cubic Meters for Acceptance. IA Comparative is 1 per 38000 cubic Meters. QUALITY: Sampled per Borrow Pit Sampling Guide, Sample size is 5 lb bag, per hectare.

## Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Borrow Pit Sampling Technician</td>
</tr>
</tbody>
</table>

## Test Formats

1. **Conventional Density Test 1** - Version 1

    **Owning Lab:** Soils Lab

    **IA Type:** None

    **Metric/English Code:** Metric

    **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/23/2006

Performed By: rpace

Check In: Changed sample frequency and cert requirements - rkp

Comment:
Test Formats

   
   | Owning Lab: Soils Lab | IA Type: None | Metric/English Code: Metric | Sample/Test Remarks: |

3. Soils for Quality Test - Version 2
   
   | Owning Lab: Soils Lab | IA Type: None | Metric/English Code: Metric | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/23/2006
Perform By: rpace
Check In: Changed sample frequency and cert requirements - rkp
Comment:
Earthwork Excavations - Borrow

General

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>Metric/English</td>
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<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification</th>
<th>N/A</th>
</tr>
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<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
<td>Type</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
<td>Responsibility</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
<td>Inspection Type(s): Density Other Conventional Density Other Nuclear</td>
<td></td>
</tr>
</tbody>
</table>

Small Quantity:  
Other Reports: M&T 504, M&T 506, and/or M&T 514N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Conventional Density - 1 test per 5,000 CY for Acceptance. Nuclear Density - 1 test section per 5,000 CY for Acceptance, IA Comparative 1 per 50,000 CY

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:  

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 03/21/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment: NEW MSG 2013
Test Formats

2. Conventional Density Test 1-A - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. Soils for Quality - Version 4
   - **Owning Lab:** Soils Lab
   - **IA Type:** Conventional Density
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# North Carolina Department of Transportation

## Minimum Sampling Guide

### Earthwork Excavations - Borrow

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
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<td>Version</td>
<td>2.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest:     | N/A                                      |
| Alt ID Matching: | (None)                                   |
| Sample/Test: | Optional                                 |
| Approved List: | N/A                                     |
| Visual Inspection: | N/A                                    |
| Catalog Cut: | N/A                                     |
| Field Inspection: | Required                                |

**Certification:** N/A  
**Type:**  
**Responsibility:**

- M&T  
- RE  
- Both

**Inspection Type(s):** Density Other Conventional

**Small Quantity:**  
**Other Reports:**  

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** DENSITY - 1 per 5,000 CY for Acceptance. IA Comparative 1 per 50,000 CY  
QUALITY - Sampled per "Borrow Pit Sample Guide". Sample size is 5 lbs. bags. 2 borings per Acre.

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Borrow Pit Sampling Technician</td>
</tr>
</tbody>
</table>

#### Test Formats

1. Conventional Density Test 1 - Version 1

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English Code:</th>
<th>English</th>
</tr>
</thead>
</table>

**Sample/Test Remarks:**  

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/23/2006  
**Performed By:** rpace  
**Check In:** Changed test freq and added density requirements.-rkp  
**Comment:**
## Test Formats

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** Conventional Density
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/23/2006  
**Performed By:** rpace  
**Check In:** Changed test freq and added density requirements.-rkp  
**Comment:**
Earthwork Excavations - Borrow

General

Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports:

Certification: N/A

Responsibility

M&T  RE  Both
(None)  (None)  (None)
M&T  RE  Both
M&T  RE  Both

[ ] M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Samples required per "Borrow Pit Sample Guide". Sample size is 5 lbs. bags. 2 borings per Acre.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
     IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   - Owning Lab: Soils Lab
     IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In: Earthwork Excavations - Borrow - English - Changed How
Comment: Received to Not Received.
Test Formats

3. Soils for Quality - Version 4

  **Owning Lab:** Soils Lab
  **IA Type:** Conventional Density
  **Metric/English Code:** English
  **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: fmoody

Check In: Earthwork Excavations - Borrow - English - Changed How
Comment: Received to Not Received.
## Earthwork Excavations - Borrow

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

### Certification

<table>
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<tr>
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<th>Responsibility</th>
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</tr>
</thead>
<tbody>
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<tr>
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<td>M&amp;T</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Samples required per "Borrow Pit Sample Guide". Sample size is 2 kg bags. 2 borings per Hectare.

### Technician Certifications

- (None)

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/04/2003  
**Performed By:** mnovello  
**Check In:** Earthwork Excavations - Borrow - Metric: Changed  
**Comment:** Acceptance from Sample/Test = Required to Optional; Inserted Test Categories of Acceptance and Source Evaluation.
Test Formats

3. Soils for Quality Test - Version 2

Owning Lab: Soils Lab  Metric/English Code: Metric
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/04/2003  Performed By: mnovello
Check In: Earthwork Excavations - Borrow - Metric: Changed
Comment: Acceptance from Sample/Test = Required to Optional; inserted Test Categories of Acceptance and Source...
Earthwork Excavations - Borrow

General

Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 1.01
From Date: 05/14/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Samples required per "Borrow Pit Sample Guide". Sample size is 5 lbs. bags. 2 borings per Acre.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
<table>
<thead>
<tr>
<th>Test Formats</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Soils for Quality - Version 4</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
<td><strong>Metric/English Code:</strong> English</td>
</tr>
<tr>
<td><strong>IA Type:</strong> Conventional Density</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: Earthwork Excavations - Borrow - English - Changed How  
Comment: Received to Not Received.
Earthwork Excavations - Borrow

General
Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Samples required per "Borrow Pit Sample Guide". Sample size is 2 kg bags. 2 borings per Hectare.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
<table>
<thead>
<tr>
<th>Test Formats</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3. Soils for Quality Test - Version 2</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
<td><strong>Metric/English Code:</strong> Metric</td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: Earthwork Excavations - Borrow - Metric - Changed How  
Comment: Received from Pay Record to Not Received.
Earthwork Excavations - Borrow

General
Group: Soils
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Source Approval/Evaluation</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Samples required per "Borrow Pit Sample Guide". Sample size is 5 lbs. bags. 2 borings per Acre.

Technician Certifications: (None)

Test Formats
1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/17/2013
Perform By: rpace
Check In: new material
Comment:
### Test Formats

3. Soils for Quality - Version 4

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>Conventional Density</td>
</tr>
</tbody>
</table>

**Sample/Test Remarks:**

**Metric/English Code:** English

### Earthwork Excavations - Misc.

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest:       | N/A                                      |
| Alt ID Matching: | (None)                                  |
| Sample/Test:   | N/A                                      |
| Approved List: | N/A                                      |
| Visual Inspection: | Optional                              |
| Catalog Cut:   | N/A                                      |
| Field Inspection: | N/A                                    |
| Small Quantity: | ☐                                        |
| Other Reports:  |                                          |

| Certification: | N/A                                      |
| Type           |                                          |
| Responsibility | M&T  RE  Both                           |

- (None) M&T  RE  Both
- (None) M&T  RE  Both
- (None) M&T  RE  Both

- M&T 913 Report (Steel)

#### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/17/2013

**Performed By:** rpace

**Check In:** new material

**Comment:**
### Earthwork Excavations - Miscellaneous

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
<th>Status</th>
<th>Archive</th>
<th>Metric/English</th>
<th>Metric</th>
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<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
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<td>Facility Type</td>
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<td>From Date</td>
<td>01/01/1999</td>
<td></td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td>To Date</td>
<td>06/18/2012</td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest             | N/A                     | Certification: | N/A                           | Responsibility |
| Alt ID Matching     | (None)                  | Type           |                              |               |
| Sample/Test         | N/A                     | (None)         | M&T  RE Both                 |               |
| Approved List       | N/A                     | (None)         | M&T  RE Both                 |               |
| Visual Inspection   | Required                | (None)         | M&T  RE Both                 |               |
| Catalog Cut         | N/A                     | (None)         | M&T  RE Both                 |               |
| Field Inspection    | N/A                     | (None)         | M&T  RE Both                 |               |

- **Required**, **M & T**, **RE**, **Both**

- **M&T 913 Report (Steel)**

#### Testing Requirements

**Sample Comment:** Earthwork Excavations - Misc - Metric - Changed How Received to Not Received and Sample/Test to NA.

**Technician Certifications:** (None)
Earthwork Excavations - Miscellaneous

General
Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
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<tr>
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<td>M&amp;T</td>
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</table>

☐ M&T 913 Report (Steel)

Action Date: 06/18/2012
Performed By: rpace
Check In: expired; [ARCHIVE] rkp
Comment:
# Earthwork Excavations - Miscellaneous

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils</td>
<td>Archive</td>
<td>01/01/1999</td>
<td>06/18/2012</td>
</tr>
</tbody>
</table>

### How Received
- Not Received

### Metric/English
- English

### Facility Type
- (None)

### Default Auth Lab
- Central GeoMaterials Lab

### Project Certification
- Minor

### MSG Responsibility
- Soils Lab

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### Pretest
- N/A

### Alt ID Matching
- (None)

### Sample/Test
- N/A

### Approved List
- N/A

### Visual Inspection
- Required

### Catalog Cut
- N/A

### Field Inspection
- N/A

### Small Quantity
- No

### Other Reports
- M&T 913 Report (Steel)

## Testing Requirements

### Sample Comment
- Earthwork Excavations - Misc - English - Changed How Received to Not Received and Sample/Test to NA.

### Technician Certifications
- (None)
## Embankment Density

### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Density Report required; Pay Adj Required

### Testing Requirements
- **Sample Comment:** Sample Borrow Pit in accordance with Geotechnical Unit guidelines.
- **Technician Certifications:** (None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/10/1998 **Performed By:** rpace

**Check In:** Archive data come from Minimum Sampling Guide on v3.0 **Comment:** Production db
## Embankment Density

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Critical</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Soils Lab</td>
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<tr>
<td>MSG Responsibility</td>
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<td>Status</td>
<td>History</td>
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<td>Version</td>
<td>1.00</td>
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<tr>
<td>From Date</td>
<td>09/10/1998</td>
</tr>
<tr>
<td>To Date</td>
<td>12/11/1999</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Density Report required; Pay Adj Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>Sample Borrow Pit in accordance with Geotechnical Unit guidelines.</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/10/1998  **Performed By:** rpace

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  **Comment:** Production db
### Embankment from Unclassified

#### General

- **Group:** Soils  
- **How Received:** Not Received  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Soils Lab  

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approval List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tr>
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</table>

#### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:
As directed by engineer.

#### Technician Certifications:
(Non

#### Test Formats

1. **Convention Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English

2. **Convention Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2004  
**Performed By:** fmooday  
**Check In:** Embankment from Unclassified - English - Changed How  
**Comment:** Received from Pay Record to Not Received.
### Test Formats

3. Soils for Quality - Version 4

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owning Lab:</strong></td>
<td>Soils Lab</td>
</tr>
<tr>
<td><strong>IA Type:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Metric/English Code:</strong></td>
<td>English</td>
</tr>
</tbody>
</table>

**Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Comment:** Embankment from Unclassified - English - Changed How

**Performed By:** fmood

**Action Date:** 05/14/2004

**Comment:** Received from Pay Record to Not Received.
Embankment from Unclassified

General

Group: Grading
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Critical
Project Certification: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: □
Other Reports: Density Report required - M&T 504, 506 or 514N

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---------------|------------------|-------------------------|-------------------------|
Density        | 5,000.00         | Project Personnel       | Project Personnel       |
IA - Comparative | 50,000.00        | M&T Field               | M&T Lab                 |

Sample Comment: Conventional Density - 1 test per 5,000 CY for Acceptance. Nuclear Density - 1 test section per 5,000 CY for Acceptance. IA - One comparative per test 50,000 CY.

Technician Certifications:

Type          | Certification(s)
---------------|------------------|
Density Other Conventional | Conventional Density Technician |
Density Other Nuclear       | ABC Nuclear Density Technician |

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
Test Formats

2. Conventional Density Test 1-A - Version 1
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

3. Soils for Quality - Version 4
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Embankment from Unclassified

General

Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Certification(s) Type
Type: M &T RE Both
Responsibility (None) (None) (None) M &T RE Both M &T RE Both
☐ M&T 913 Report (Steel)

Small Quantity: 
Other Reports: Density Report required - M&T 504, 506 or 514N

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Conventional Density - 1 test per 5,000 CY for Acceptance. Nuclear Density - 1 test section per 5,000 CY for Acceptance. IA - One comparative per test 50,000 CY.

Technician Certifications:

Type
- Density Other Conventional
- Density Other Nuclear

Certification(s)
- Conventional Density Technician
- ABC Nuclear Density Technician

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

2. Conventional Density Test 1-A - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:** None

3. Soils for Quality - Version 4
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:** None

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Perform By: rpace
Check In: NEW 2013 MSG
Comment:
## Embankment from Unclassified

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest          | N/A |
| Alt ID Matching  | (None) |
| Sample/Test      | Required |
| Approved List    | N/A |
| Visual Inspection| N/A |
| Catalog Cut      | N/A |
| Field Inspection | N/A |
| Small Quantity   | N/A |
| Other Reports    | Density Report required |

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>4,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>40,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

*Sample Comment:* One sample per each 4000 cubic meters or fraction placed.

### Technician Certifications

| Technician Certifications | (None) |

### Test Formats

1. **Conventional Density Test 1** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A** - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.  

**Action Date:** 05/02/2003  
**Performed By:** rpace  
**Check In:** Change freq. on embankment from Unclassified from 5000 to 4000 rkp  
**Comment:**
Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Owning Lab: Soils Lab</th>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/02/2003
Performing By: rpace

Check In: Change freq. on embankment from Unclassified from 5000
Comment: to 4000 rkp
Embankment from Unclassified

General

Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Type
Responsibility
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

N/A

Field Inspection: Required

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: Density Report required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>4,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Density</td>
<td>4,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>40,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per each 4000 cubic meters or fraction placed.; Sample Borrow Pit in accordance with Geotechnical Unit guidelines.
IA - One comparative test per 40,000 m3

Technician Certifications:

Type                              Certification(s)
Density Other Conventional        Conventional Density Technician
Density Other Nuclear             ABC Nuclear Density Technician

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/22/2006
Performed By: conv61
Check In: v6.1 conv - The information from Field Density -
Comment: Embankment has been merged with this record.
## Test Formats

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Soils for Quality Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006

**Performed By:** conv61

**Check In:** v6.1 conv - The information from Field Density -

**Comment:** Embankment has been merged with this record.
### Embankment from Unclassified

#### General
- **Group:** Soils
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 3.00
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Density Report required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>4,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>40,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample per each 4000 cubic meters or fraction placed.

**Technician Certifications:** (None)

#### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **Metric/English Code:** Metric
   - **IA Type:** None
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **Metric/English Code:** Metric
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Embankment from Unclassified - English - Changed How  
**Comment:** Received from Pay Record to Not Received.
### Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>Metric</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Embankment from Unclassified - English - Changed How  
**Comment:** Received from Pay Record to Not Received.
### Embankment from Unclassified

#### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Density Report required; Pay Adj Required

#### Testing Requirements
- **Sample Comment:** One sample per each 4000 cubic meters or fraction placed.
- **Technician Certifications:** (None)

#### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Soils for Quality Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/16/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Embankment from Unclassified

#### General
- **Group:** Soils
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** N/A
- **Other Reports:** Density Report required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** As directed by engineer;
  Sample Borrow Pit in accordance with Geotechnical Unit guidelines.
  One per 5000 cubic yards.
  IA - One comparative per test 50,000 yd3.

#### Technician Certifications:
- **Density Other Conventional**
  - Certification(s): Conventional Density Technician
- **Density Other Nuclear**
  - Certification(s): ABC Nuclear Density Technician

#### Test Formats
1. **Conventional Density Test 1** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006

**Performed By:** conv61

**Check In:** v6.1 conv - The information from Field Density -
**Comment:** Embankment has been merged with this record.
### Test Formats

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006  
**Performed By:** conv61

**Check In:** v6.1 conv - The information from Field Density -  
**Comment:** Embankment has been merged with this record.
Embankment from Unclassified

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Not Received</td>
<td>Version</td>
<td>2.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>05/14/2004</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>09/23/2006</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
<td>Responsibility</td>
<td></td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Density Report required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>4,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>40,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per each 4000 cubic meters or fraction placed.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: None

   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
</tr>
</tbody>
</table>

**Owning Lab:** Soils Lab

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Embankment from Unclassified - English - Changed How

**Comment:** Received from Pay Record to Not Received.
Embankment from Unclassified

General
Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Density Report required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: As directed by engineer.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Conventional Density Test 1-A - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. Soils for Quality - Version 4

- **Owning Lab**: Soils Lab
- **IA Type**: None
- **Metric/English Code**: English
- **Sample/Test Remarks**: None

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 11/15/2006

**Performed By**: conv

**Check In**: 

**Comment**: 
Embankment from Unclassified

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Not Received</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest                | N/A         | Certification | N/A     |
| Alt ID Matching        | (None)      | Type          |         |
| Sample/Test            | Required    | Responsibility|         |
| Approved List          | N/A         | (None)        |         |
| Visual Inspection      | N/A         | M&T           |         |
| Catalog Cut            | N/A         | RE            |         |
| Field Inspection       | N/A         | Both          |         |
| Small Quantity         |            |               |         |
| Other Reports          | Density Report required |   |         |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>50,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

| Sample Comment       | As directed by engineer. |
| Technician Certifications | (None)                 |

**Test Formats**

1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Conventional Density Test 1-A - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. Soils for Quality - Version 4

#### Details

<table>
<thead>
<tr>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>None</td>
</tr>
</tbody>
</table>

#### Notes

- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
- Action Date: 01/01/1999
- Performed By: rpace
- Check In: s
- Comment: 

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Embankment from Unclassified

General

Group: Soils  Status: History
How Received: Pay Record  Version: 1.00
Metric/English: English  From Date: 05/16/1997  To Date: 12/11/1999
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type: N/A
Sample/Test: Required  Responsibility:
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports: Density Report required; Pay Adj Required

Testing Requirements

Sample Comment: One sample per each 5000 cubic yards or fraction placed.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1  -  Version 1
   
   Ownning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A  -  Version 1
   
   Ownning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. Soils for Quality  -  Version 4
   
   Ownning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997  Performed By: twittington
Check In  Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Emulsified Asphalt

### General

<table>
<thead>
<tr>
<th><strong>Group:</strong></th>
<th>Asphalt</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>How Received:</strong></td>
<td>Material Receipt</td>
</tr>
<tr>
<td><strong>Metric/English:</strong></td>
<td>Metric</td>
</tr>
<tr>
<td><strong>Facility Type:</strong></td>
<td>(None)</td>
</tr>
<tr>
<td><strong>Default Auth Lab:</strong></td>
<td>Chemical Lab</td>
</tr>
<tr>
<td><strong>Project Certification:</strong></td>
<td>Critical</td>
</tr>
<tr>
<td><strong>MSG Responsibility:</strong></td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| **Pretest:** | N/A |
| **Alt ID Matching:** | (None) |
| **Sample/Test:** | Required |
| **Approved List:** | N/A |
| **Visual Inspection:** | N/A |
| **Catalog Cut:** | N/A |
| **Field Inspection:** | N/A |
| **Small Quantity:** | |
| **Other Reports:** | For Certifications see Section 1020-1; Pay Adj Required |

#### Certification

<table>
<thead>
<tr>
<th><strong>Type</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
</tr>
<tr>
<td>6: Supplier's Certification</td>
</tr>
</tbody>
</table>

#### Responsibility

<table>
<thead>
<tr>
<th><strong>Type</strong></th>
<th><strong>Responsibility</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>M&amp;T</td>
<td>RE</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th><strong>Sample Comment:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>One - 2 liter sample per lot.</td>
</tr>
</tbody>
</table>

### Technician Certifications

| **(None)** |

### Test Formats

1. **Emulsified Asphalt - Version 14**

    | **Owning Lab:** | Asphalt Lab |
    | **IA Type:** | None |

    | **Metric/English Code:** | Both |
    | **Sample/Test Remarks:** | |

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/16/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Emulsified Asphalt

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Asphalt</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>1.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>05/16/1997</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date: : 12/11/1999</td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A                       |
| Alt ID Matching: | (None)                    |
| Sample/Test: | Required                  |
| Approved List: | N/A                       |
| Visual Inspection: | N/A                      |
| Catalog Cut: | N/A                       |
| Field Inspection: | N/A                       |
| Small Quantity: |                           |
| Other Reports: | For Certifications see Section 1020-1; Pay Adj Required |

Testing Requirements

| Sample Comment: | One - 1/2 gallon sample per lot. |
| Technician Certifications: | (None) |

Test Formats

1. Emulsified Asphalt - Version 14

| Owning Lab: | Asphalt Lab                  |
| IA Type: | None                         |
| Metric/English Code: | Both                     |
| Sample/Test Remarks: |                           |

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>6: Supplier's Certification (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Engineered Assemblies

General

Group: Structural  Status: Expired
How Received: Material Receipt  Version: 1.00
Metric/English: Both  From Date: 10/25/2007  To Date: 12/31/2075
Facility Type: (None)  MSG Responsibility: Structural Members
Default Auth Lab: Structural Members - Steel  Project Certification: Critical

Methods of Acceptance

Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type:
Sample/Test: N/A  1: Certified Mill Test Report
Approved List: N/A  (None)
Visual Inspection: Required  M &T
Catalog Cut: N/A  RE  Both
Field Inspection: Required  Responsibility
Small Quantity:  M &T  RE  Both
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Item is pretested by M&T. Contact Structural Members Engineer for inspection

Technician Certifications: (None)

Action Date: 10/25/2007  Performed By: rpace
Check In: New Item  Comment:
# Engineered Assemblies

## General
- **Group:** Structural
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.01
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match, Alt ID Required</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

| Inspection Type(s): | Structural Steel |

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Item is pretested by M&T. Contact Structural Members Engineer for inspection. 919-329-4200

**Technician Certifications:** (None)
## Engineered Assemblies

### General

- **Group:** Structural
- **Status:** Current
- **Version:** 1.02
- **From Date:** 10/25/2007
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

**Inspection Type(s):** Structural Steel

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Item is pretested by M&T. Contact Structural Members Engineer for inspection. 919-329-4200

**Technician Certifications:** (None)

---

**Action Date:** 10/25/2007  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**  

## Engineering Fabric

### General
- **Group:** Landscape
- **Status:** Current
- **Version:** 4.00
- **From Date:** 06/19/2012
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**  

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/18/2012  
**Performed By:** rpace  
**Check In:** rkp  
**Comment:**
Engineering Fabric

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Other Reports:

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Engineering | 999,999.00 | Project Personnel | M&T Lab

Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001
Performed By: v5conv
Check In: V5.0 MSG Updates per RPace.
Comment:
Engineering Fabric

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Must have one of the above types certs.

Certification: Required
Type
1: Certified Mill Test Report
2: Typical Certified Mill Test Report
4: Certified Test Reports

Responsibility
☐ M&T  ☑ RE  ☐ Both
☐ M&T  ☑ RE  ☐ Both
☐ M&T  ☑ RE  ☐ Both

☐ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Engineering 999,999.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: rpace
Check In: added comments to fabric
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Engineering Fabric

General

Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 2.00
From Date: 06/28/2001 To Date: 06/30/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Engineering 999,999.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Engineering Fabric

General

Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/15/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Pay Adj Required

Certification: Required
Type
1: Certified Mill Test Report
□ M&T ○ RE ○ Both
(Here) ○ M&T ○ RE ○ Both
(Here) ○ M&T ○ RE ○ Both

Responsibility

M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997 Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Engineering Fabric

**General**
- **Group:** Landscape
- **Status:** Archive
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 06/18/2012

**Material Receipt:** (None)
**Non-Critical**
**Field Section**
**Metric/English:** Metric
**Facility Type:** (None)
**Default Auth Lab:** Field Section
**Project Certification:** Non-Critical
**MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must have one of the above types certs

**Certification:**
- **Type:** Required
- **Responsibility:**
  1. Certified Mill Test Report
  2. Typical Certified Mill Test Report
  4. Certified Test Reports

- [ ] M&T 913 Report (Steel)

**Testing Requirements**
- **Test Category:** Engineering
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab

**Sample Comment:**
**Technician Certifications:** (None)

**Test Formats**
1. Field Section Miscellaneous Test - Version 3

**Owning Lab:** Field Section
- **IA Type:** None
**Metric/English Code:** Both
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace
**Check In:** added comments to fabric.
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Engineering Fabric

General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Landscape</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
<tr>
<td>Status</td>
<td>History</td>
</tr>
<tr>
<td>Version</td>
<td>2.01</td>
</tr>
<tr>
<td>From Date</td>
<td>07/01/2005</td>
</tr>
<tr>
<td>To Date</td>
<td>09/23/2006</td>
</tr>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Must have one of the above types certs</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3
   
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Engineering Fabric

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/15/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Pay Adj Required

Certification: Required
Type
Responsibility
1: Certified Mill Test Report
☐ M&T ☐ RE ☐ Both
(1: Certified Mill Test Report
(1: Certified Mill Test Report
(1: Certified Mill Test Report
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Engineering Fabric

## General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

### Certification
- **Type:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T  RE  Both</td>
</tr>
</tbody>
</table>

**M&T 913 Report (Steel)**

- **Sample/Test Remarks:** None

## Testing Requirements

### Test Category
- **Engineering**
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab

### Sample Comment:

### Technician Certifications:
- (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**
## Engineering Fabric, Silt Fence Accessories

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering
- **Status:** Archive
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 06/18/2012

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** Visual Inspection by Resident Engineer.
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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- **M&T 913 Report (Steel)**

---

**Action Date:** 01/01/1999  
**Performed By:** v5conv

**Check In:** In step changes  
**Comment:**
Engineering Fabric, Silt Fence Accessories

General
Group: Landscape
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.01
From Date: 06/28/2001
To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: Visual Inspection by Resident Engineer.
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   
   Owner Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

   Certification: N/A
   Type
   Responsibility
   (None)
   (None)
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both

   M&T 913 Report (Steel)

   Action Date: 11/15/2006
   Performed By: conv
   Check In: In step changes
   Comment:
Engineering Fabric, Silt Fence Accessories

General

Group: Landscape  Status: Archive
How Received: Not Received  Version: 3.00
Metric/English: Both  From Date: 06/19/2012  To Date: 06/19/2012
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approve List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports: Prepayment Invoice Required

Certification: N/A

Responsibility

☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both
☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: Visual Inspection by Resident Engineer.
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Action Date: 06/18/2012  Performed By: rpace
Check In  rkp; [ARCHIVE] rkp
Comment:
### Engineering Fabric, Wick Drains

**General**

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<td>Field Section</td>
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**From Date:** 06/19/2012  **To Date:** 06/19/2012  **Status:** Archive  **Version:** 2.00

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**  
- **Other Reports:**

### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

### Test Formats

1. Field Section Miscellaneous Test - Version 3

#### Certification

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<tr>
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</table>

- **Owning Lab:** Field Section
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/18/2012  **Performed By:** rpace  
**Check In:** rkp; [ARCHIVE] rkp  
**Comment:**

### Engineering Fabric, Wick Drains

#### General

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#### Certifications

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- **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment:**
  - Technician Certifications: (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** In step changes  
**Comment:**
## Engineering Fabric, Wick Drains

### General
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### Methods of Acceptance

| Pretest:     | N/A                                           |
| Alt ID Matching: | (None)                                      |
| Sample/Test: | N/A                                           |
| Approved List: | N/A                                          |
| Visual Inspection: | N/A                                        |
| Catalog Cut: | N/A                                           |
| Field Inspection: | N/A                                        |
| Small Quantity: | ☐                                             |
| Other Reports: |                                               |

#### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owing Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

   _Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection._
Engineering Fabric, Wick Drains

**General**

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** v5conv

**Check In:** In step changes

**Comment:**

---

**Status:** Archive

**Version:** 1.00

**From Date:** 01/01/1999

**To Date:** 06/18/2012
Epoxy Materials

General
- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Check Expiration Date

Testing Requirements
- Sample Comment: 
- Technician Certifications: (None)

Test Formats
1. Elastomeric Concrete Test - Version 4
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Epoxy Materials - Version 4
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Test Formats

4. Epoxy Test - Version 4

<table>
<thead>
<tr>
<th>Owning Lab:</th>
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<tbody>
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</tr>
</tbody>
</table>

| Metric/English Code: | English |

| Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  
Performed By: rpace

Check In: NEW 2013 MSG  
Comment:
# Epoxy Materials

## General
- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** Required  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Check Expiration Date

## Testing Requirements
- **Sample Comment:**  
- **Technician Certifications:** (None)

## Test Formats
1. **Elastomeric Concrete Test - Version 4**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Epoxy Materials - Version 4**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

3. **Epoxy Materials - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Epoxy Materials (Metric) Changed Project Certification to Non-Critical.
Test Formats

4. Epoxy Test - Version 4
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   
   **Metric/English Code:** English
   
   **Sample/Test Remarks:** None

Epoxy Materials

**General**

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Other Reports:** Check Expiration Date

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- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Sample Comment:**

  - **Technician Certifications:** (None)

**Test Formats**

1. Epoxy Materials - Version 4
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   
   **Metric/English Code:** Both
   
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Epoxy Materials (Metric) Changed Project Certification to Non-Critical.

**Comment:** Non-Critical.
Epoxy Materials

General

- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: ☐
- Other Reports: Check Expiration Date

Testing Requirements

Sample Comment:

- Technician Certifications: (None)

Test Formats

1. Elastomeric Concrete Test - Version 4
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Epoxy Materials - Version 4
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
**Epoxy Materials**

**General**
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 2.00
- **From Date:** 03/15/2000  **To Date:** 03/15/2000
- **Material Receipt** (None)

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Check Expiration Date

**Certification:** Required  
- **Type:**  
  - 1: Certified Mill Test Report
    - (None)

**Responsibility**
- M&T  
  - RE  
  - Both

**Testing Requirements**

**Sample Comment:**

**Technician Certifications:** (None)

**Test Formats**

4. **Epoxy Test** - Version 4
- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones

**Check In:** In step changes  
**Comment:**
## Epoxy Materials

### General

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### Methods of Acceptance

| Pretest: | N/A       |
| Alt ID Matching: | (None)     |
| Sample/Test:  | N/A       |
| Approved List: | Required  |
| Visual Inspection: | N/A   |
| Catalog Cut:  | N/A       |
| Field Inspection: | N/A     |
| Small Quantity: | □        |
| Other Reports: | Check Expiration Date; Pay Adj Required |

### Testing Requirements

#### Sample Comment:

- Technician Certifications: (None)

#### Test Formats

1. Epoxy Materials - Version 4

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Certification

- **Required Type:**
  - 1: Certified Mill Test Report
    - (None)

- **Responsibility**
  - M&T
  - RE
  - Both

### Note

*Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*
Epoxy Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Check Expiration Date

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Elastomeric Concrete Test - Version 4
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Epoxy Materials - Version 4
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmood
Check In: Epoxy Materials (English) Changed Project Certification to Non-Critical.
<table>
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</table>

| Metric/English Code: English |
| Sample/Test Remarks: |

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

| Action Date: 01/01/1999 | Performed By: fmoody |
| Check In: Epoxy Materials (English) Changed Project Certification to Non-Critical. |
### Epoxy Materials

**General**

- **Status:** History
- **Version:** 2.00
- **From Date:** 03/15/2000  
  **To Date:** 03/15/2000

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: |  
| Other Reports: | Check Expiration Date |

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**

1. **Elastomeric Concrete Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Epoxy Materials - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Epoxy Materials - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones

**Check In:** In step changes

**Comment:**

- In step changes
- M&T 913 Report (Steel)
## Test Formats

4. Epoxy Test - Version 4

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones  
**Comment:** In step changes
Epoxy Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/15/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Check Expiration Date; Pay Adj Required

Certification: Required
Type
1: Certified Mill Test Report
(Non)

Responsibility
M&T RE Both

Sample/Test Remarks:

M&T 913 Report (Steel)

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Test Formats
1. Elastomeric Concrete Test - Version 4
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Epoxy Materials - Version 4
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Epoxy Materials (Metric) Changed Project Certification to Non-Critical.
Comment: 

Test Formats

4. Epoxy Test - Version 4

<table>
<thead>
<tr>
<th>Metric/English Code: English</th>
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<tbody>
<tr>
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Epoxy Materials

General

<table>
<thead>
<tr>
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<tbody>
<tr>
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</tr>
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<tr>
<td>Default Auth Lab: Physical Lab</td>
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<tr>
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Methods of Acceptance

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<tr>
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<td>Visual Inspection: N/A</td>
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Certification:

Required

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Responsibility

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|M&T 913 Report (Steel) |

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Epoxy Materials - Version 4

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<th>Metric/English Code: Both</th>
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<td>Owning Lab: Chemical Lab</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Epoxy Mortar Repair

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Check Expiration Date

Certification:
1: Certified Mill Test Report
   (None)
   (None)
   M&T 913 Report (Steel)

Testing Requirements
Test Category    Sample Frequency    Sampling Responsibility    Testing Responsibility
Pretest          1.00              Producer/Supplier            Producer/Supplier

Sample Comment:

Testing Responsibility Test Category Sample Frequency Sampling Responsibility
Pretest 1.00 Producer/Supplier

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999   Performed By: fmoody
Check In: Epoxy Mortar Repair (English) Changed Project
Comment: Certification to Non-Critical.
North Carolina Department of Transportation  
Minimum Sampling Guide

**Epoxy Mortar Repair**

**General**
- **Group:** Miscellaneous
- **Status:** Archive
- **Version:** 1.00
- **From Date:** 01/01/1999  
  **To Date:** 06/18/2012

**How Received:** Material Receipt

**Metric/English:** Metric

**Facility Type:** (None)

**Default Auth Lab:** Physical Lab

**Project Certification:** Non-Critical

**MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Check Expiration Date

**Certification:** Required

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- **M&T 913 Report (Steel)**

**Testing Requirements**

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<th>Testing Responsibility</th>
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<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Epoxy Materials (Metric) Changed Project Certification to Non-Critical.
## Epoxy Mortar Repair

### General

- **Group:** Miscellaneous
- **Status:** Archive
- **How Received:** Material Receipt
- **Version:** 2.00
- **From Date:** 06/19/2012
- **To Date:** 06/19/2012
- **Metric/English:** English
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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### Certification

<table>
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| M&T 913 Report (Steel) | [ ] |

### Testing Requirements

- **Sample Comment:**

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/18/2012  
**Performed By:** rpace  
**Check In:** rkp; [ARCHIVE] rkp  
**Comment:**
## Epoxy Mortar Repair

### General
- **Group:** Miscellaneous
- **Status:** Archive
- **Version:** 2.00
- **From Date:** 06/19/2012
- **To Date:** 06/19/2012

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Check Expiration Date

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification

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<td>Both</td>
</tr>
<tr>
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<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
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- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/18/2012
**Performed By:** rpace
**Check In:** rkp; [ARCHIVE] rkp
**Comment:**
**Epoxy Resin Injection**

**General**
- **Group:** Miscellaneous
- **From Date:** 06/19/2012
- **Status:** Archive
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Metric
- **To Date:** 06/19/2012
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Certification:**
  - **Type:** Required
  - **Responsibility:**
    - 1: Certified Mill Test Report
      - M&T
      - RE
      - Both
      - N/A
      - M&T
      - RE
      - Both
      - Both
      - Both
- **Visual Inspection:** N/A
- **Approved List:** Required
- **Field Inspection:** N/A
- **Catalog Cut:** N/A
- **Small Quantity:** No
- **Other Reports:** Check Expiration Date

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/18/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Number Pen Injection

General

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Check Expiration Date

**Certification:**

- **Type:** Required
- **Responsibility:**
  - M & T
  - RE
  - Both

- 1: Certified Mill Test Report
- (None)
- M & T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
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<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** (None)

**Technical Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Epoxy Resin Injection (Metric) Changed Project

**Comment:** Certification to Critical.
Epoxy Resin Injection

General

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<td>Default Auth Lab:</td>
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<td>Project Certification:</td>
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<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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Methods of Acceptance

| Pretest:          | N/A                                   |
| Alt ID Matching:  | (None)                                |
| Sample/Test:      | N/A                                   |
| Approved List:    | Required                              |
| Visual Inspection:| N/A                                   |
| Catalog Cut:      | N/A                                   |
| Field Inspection: | N/A                                   |
| Small Quantity:   | ☐                                     |
| Other Reports:    | Check Expiration Date                 |

Certification:

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Testing Requirements

<table>
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<td>M&amp;T Lab</td>
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Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Epoxy Resin Injection

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Archive
Version: 3.00
From Date: 06/19/2012 To Date: 06/19/2012

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Check Expiration Date

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/18/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Epoxy Resin Injection

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 04/16/2004 To Date: 04/16/2004

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Check Expiration Date

Certification: Required
Type
1: Certified Mill Test Report
(Required)

Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

☐ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 Project Personnel M&T Lab

Sample Comment: Epoxy Resin Injection (English) Changed Project Certification to Critical.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/16/2004 Performed By: fmoody
Check In: Epoxy Resin Injection (English) Changed Project Certification to Critical.
Epoxy Resin Injection

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Check Expiration Date

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   M &T
   RE
   Both
   RE
   Both

Responsibility
M &T
RE
Both
M &T
RE
Both

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 1.00 | Project Personnel | M&T Lab

Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Epoxy Resin Injection (English) Changed Project
Comment: Certification to Critical.
Erosion Control Materials

General

Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Archive
Version: 3.00
From Date: 06/19/2012 To Date: 06/19/2012

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A

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<tr>
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☐ M&T 913 Report (Steel)

Action Date: 06/18/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Erosion Control Materials

General

Group: Landscape  Status: Archive
How Received: Material Receipt  Version: 2.01
Metric/English: Metric  From Date: 01/01/1999
Facility Type: (None)  To Date: 06/18/2012
Default Auth Lab: Field Section  Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type: M &T
Sample/Test: Optional  Responsibility: RE
Approved List: N/A  Both
Visual Inspection: Required  3: Manufacturer's Certification
Catalog Cut: N/A  (None)
Field Inspection: N/A  (None)
Small Quantity:  M &T
Other Reports:  RE

Testing Requirements

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<td>Project Personnel</td>
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Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Owning Lab: Field Section

   IA Type: None

   Metric/English Code: Both

   Sample/Test Remarks:

Action Date: 01/24/2011  Performed By: rpace

Check In: Changed to MRR and Non Critical

Comment:
### Erosion Control Materials

#### General

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#### Methods of Acceptance

| Pretest:               | N/A                                 |
| Alt ID Matching:       | (None)                              |
| Sample/Test:           | N/A                                 |
| Approved List:         | N/A                                 |
| Visual Inspection:     | Required                            |
| Catalog Cut:           | N/A                                 |
| Field Inspection:      | N/A                                 |
| Small Quantity:        | □                                   |
| Other Reports:         | Buy America Compliance for Steel or Iron items. |

#### Testing Requirements

- Sample Comment:
  - Technician Certifications: (None)

#### Test Formats

1. Field Section Miscellaneous Test - Version 3

- Owning Lab: Field Section
- IA Type: None
- Metric/English Code: Both
- Sample/Test Remarks: M&T 913 Report (Steel)

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
### Erosion Control Materials

#### General

<table>
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<tr>
<th>Field Section</th>
<th>Landscape</th>
<th>Status:</th>
<th>Expired</th>
<th>From Date:</th>
<th>01/01/1999</th>
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<tbody>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>Version:</td>
<td>2.01</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
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<td></td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td></td>
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<tr>
<td>MSG Responsibility</td>
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#### Methods of Acceptance

<table>
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</tr>
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</tr>
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<td></td>
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#### Testing Requirements

<table>
<thead>
<tr>
<th>Field Section</th>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Verification</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
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</table>

#### Sample Comment:

**Technician Certifications:**  (None)

#### Test Formats

1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
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<tr>
<td>IA Type:</td>
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<tr>
<td>Owning Lab:</td>
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</tbody>
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**Action Date:** 01/24/2011

**Performed By:** rpace

**Check In:** Changed to MRR and Non Critical

**Comment:**
Erosion Control Materials

General

- Group: Landscape
- Status: Expired
- How Received: Not Received
- Version: 3.00
- Metric/English: Both
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Field Section

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
</tr>
<tr>
<td>Verification</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment:

- Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

- Owner Lab: Field Section
- IA Type: None
- Metric/English Code: Both
- Sample/Test Remarks:

Action Date: 01/01/1999
Performed By: fmoody
Check In: Erosion Control Materials (Both) - added Verification Test
Comment: Category.
Erosion Control Materials

**General**

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

   - **Owing Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Certification:** Required

### Type

- 3: Manufacturer's Certification
  - (None)

### Responsibility

- M&T RE Both
- M&T RE Both

- M&T 913 Report (Steel)

**Action Date:** 02/14/2013

**Performed By:** rpace

**Check In:** NEW 2013 MSG

**Comment:**
# Minimum Sampling Guide

## Erosion Control Materials

### General

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

<table>
<thead>
<tr>
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<tr>
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<tr>
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</table>

- **Required:** M&T 913 Report (Steel)

### Testing Requirements

- **Test Category**
  - Acceptance: 100,000,000.00
  - Verification: 100,000,000.00

- **Sampling Responsibility:** Project Personnel

- **Testing Responsibility:** Project Personnel

### Sample Comment:

- **Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 01/24/2011  
**Performed By:** rpace

**Check In:** Changed to MRR and Non Critical

**Comment:**
Erosion Control Materials

General

Status: History
Version: 1.00
From Date: 05/14/2004  To Date: 05/14/2004

Group: Landscape
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 05/14/2004  Performed By: fmoody
Check In  Erosion Control Materials - English - Changed How
Comment: Received to Not Received and Sample/Test to NA.
### Erosion Control Materials

#### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Current
- **Version:** 3.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

#### Testing Requirements
- **Sample Comment:**
  - Technician Certifications: (None)

#### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

#### Certification
- **Type:** N/A
- **Responsibility**
- (None) M&T RE Both
- (None) M&T RE Both
- (None) M&T RE Both

- □ M&T 913 Report (Steel)

---

**Action Date:** 02/27/2013  **Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**
Erosion Control Materials

General

Status: History

From Date: 09/29/2005  To Date: 09/23/2006

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Optional

Approved List: N/A

Visual Inspection: Required

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: □

Other Reports:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Verification | 100,000,000.00 | Project Personnel | Project Personnel

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Ownering Lab: Field Section

   IA Type: None

   Metric/English Code: Both

   Sample/Test Remarks:

Action Date: 11/15/2006  Performed By: conv

Check In: Erosion Control Materials (Metric) -changed Sample/Test

Comment: to Optional, added Verification to Test Category.
**Erosion Control Materials**

**General**

<table>
<thead>
<tr>
<th>Group:</th>
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<tbody>
<tr>
<td>How Received:</td>
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<tr>
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<td>Default Auth Lab:</td>
<td>Field Section</td>
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<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest:          | N/A                |
| Alt ID Matching:  | (None)             |
| Sample/Test:      | Optional           |
| Approved List:    | N/A                |
| Visual Inspection:| Required           |
| Catalog Cut:      | N/A                |
| Field Inspection: | N/A                |
| Small Quantity:   |                    |
| Other Reports:    |                    |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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**Sample Comment:**

- Technician Certifications: (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

<table>
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<tr>
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**Certification:**

- Type: N/A

- Responsibility:
  - M&T
  - RE
  - Both

- M&T 913 Report (Steel)
## Erosion Control Materials

### General

- **Group:** Landscape
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements

- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
- Acceptance | 100,000,000.00 | Project Personnel | Project Personnel

### Sample Comment:

- **Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**
Erosion Control Materials

General

Status: History
Version: 2.01
From Date: 05/14/2004 To Date: 09/23/2006

Group: Landscape
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Other Reports:

Testing Requirements

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<th>Test Category</th>
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<th>Testing Responsibility</th>
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<tr>
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Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 11/15/2006
Performed By: conv
Check In: Erosion Control Materials (Both) - added Verification Test
Comment: Category.
Erosion Control Materials

**General**

- **Group:** Landscape
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

**Testing Requirements**

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**Sample Comment:**

- **Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

- **Owning Lab:** Field Section
- **IA Type:** None
- **Metric/English Code:** Both

**Sample/Test Remarks:**

**Technology:**

- **Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Erosion Control Materials (Metric) -changed Sample/Test  
**Comment:** to Optional, added Verification to Test Category.
# Erosion Control Materials

## General

- **Group:** Landscape
- **How Received:** Pay Record
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

## Methods of Acceptance

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<td>Visual Inspection</td>
<td>Required</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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</table>

- **Small Quantity:** 

## Testing Requirements

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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

- **Sample Comment:**

- **Technician Certifications:** (None)

## Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 09/07/2001  
**Performed By:** twhillington  
**Check In:** Adding Both category for Flocculation Logs.  
**Comment:**

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<tr>
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<td></td>
<td>M&amp;T  RE  Both</td>
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</table>

- **M&T 913 Report (Steel)**
# Erosion Control Materials

## General
- **Group:** Landscape
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

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<tr>
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<th>Type</th>
<th>Responsibility</th>
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<td>M&amp;T</td>
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<td>(None)</td>
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</table>

- □ M&T 913 Report (Steel)

## Testing Requirements
- **Test Category**  
  - Verification
  - Sample Frequency: 100,000,000.00
  - Sampling Responsibility: Project Personnel
  - Testing Responsibility: Project Personnel

**Sample Comment:**
- Technician Certifications: (None)

## Test Formats
1. **Field Section Miscellaneous Test - Version 3**
  - **Owning Lab:** Field Section
  - **IA Type:** None
  - **Metric/English Code:** Both
  - **Sample/Test Remarks:**

---

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Erosion Control Materials (English) - changed Sample/Test  
**Comment:** to Optional, added Verification to Test Category.
Erosion Control Materials

**General**
- **Group:** Landscape
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Certification:** N/A

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**M&T 913 Report (Steel)**

**Action Date:** 05/14/2004  **Performed By:** fmoody
**Check In:** Erosion Control Materials - Metric - Changed How
**Comment:** Received to Not Received and Sample/Test to NA.
Fence Post, Metal

General

Group: Landscape  Status: Expired
How Received: Material Receipt  Version: 4.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Optional  Certification: Required
Alt ID Matching: No Match, Alt ID Required  Type
Sample/Test: Optional  Responsibility
Approved List: N/A  6: Supplier's Certification
Visual Inspection: Required  Buy America
Catalog Cut: N/A  (None)
Field Inspection: N/A
Small Quantity: English and Metric: < 40 posts
Other Reports: Notify M&T for sampling; Must meet Buy America Law

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If Not Pretested must take project samples. Two - 6 inch samples per 500 posts

Technician Certifications: (None)

Test Formats

1. Fence Posts - Version 7
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Fence Posts (Metric) - Version 8
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

3. Vinyl Fence Posts - Version 7
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Action Date: 02/14/2013  Performed By: rpace
Check In: New 2013 MSG  Comment:
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl Fence Posts (Metric) - Version 6</td>
<td>Metric</td>
<td>None</td>
</tr>
</tbody>
</table>

**Owning Lab:** Chemical Lab  
**IA Type:** None  
**Sample/Test Remarks:**

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
North Carolina Department of Transportation  
Minimum Sampling Guide

Fence Post, Metal

General
Group: Fencing Materials  
Status: Current
How Received: Material Receipt  
Version: 4.03
Metric/English: Both  
From Date: 01/01/1999  
To Date: 12/31/2075
Facility Type: Fencing Materials  
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☑ English and Metric: < 40 posts
Other Reports: Notify M&T for sampling; Must meet Buy America Law

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If Not Pretested must take project samples. Two - 6 inch samples per 500 posts
Technician Certifications: (None)

Test Formats

1. Fence Posts - Version 7
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Fence Posts (Metric) - Version 8
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

3. Vinyl Fence Posts - Version 7
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Action Date: 03/20/2013  
Performed By: rpace  
Check In: New MSG 2013  
Comment:
## Test Formats

4. Vinyl Fence Posts (Metric) - Version 6

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Chemical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English Code:</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

---

**Action Date:** 03/20/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
## Fence Post, Metal

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Status
- **Status:** Expired
- **Version:** 4.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

### Small Quantity
- **Small Quantity:** Yes
- **English and Metric:** < 40 posts
- **Other Reports:** Notify M&T for inspection.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Acceptance</td>
<td>500.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** ENGLISH and METRIC: Two - 6 inch samples per 500 posts (Studded T-posts: One - 3 foot piece per 500 posts.)

### Technician Certifications
- (None)

### Test Formats

1. **Fence Posts - Version 7**
   - **Owning Lab:** Chemical Lab
     - **IA Type:** None
   - **Metric/English Code:** English

2. **Fence Posts (Metric) - Version 8**
   - **Owning Lab:** Chemical Lab
     - **IA Type:** None
   - **Metric/English Code:** Metric

3. **Vinyl Fence Posts - Version 7**
   - **Owning Lab:** Chemical Lab
     - **IA Type:** None
   - **Metric/English Code:** English

### Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date
- **01/01/1999**

### Performed By
- **twhittington**

### Check In
- Fencing Alt IDs

### Comment
- (None)
**Test Formats**

4. Vinyl Fence Posts (Metric) - Version 6

<table>
<thead>
<tr>
<th>Owning Lab: Chemical Lab</th>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
<td>Sample/Test Remarks:</td>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** twittington  
**Check In:** Fencing Alt IDs  
**Comment:**
Fence Post, Metal

**General**
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Status:** History
- **Version:** 3.00
- **From Date:** 06/12/2002
- **To Date:** 06/12/2002

**Methods of Acceptance**
- **Pretest:** Optional
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** English and Metric: < 40 posts
- **Other Reports:** Notify M&T for inspection.

**Certification:** N/A
- **Type:** M & T
- **Responsibility:** RE

**Testing Responsibilities**
- **Acceptance:** M&T Lab
- **Sampling Responsibility:** M&T Lab

**Testing Requirements**
- **Test Category:** ENGLISH and METRIC
  - **Sample Frequency:** Two - 6 inch samples per 500 posts
  - **Sampling Responsibility:** M&T Lab
- **Sample Comment:** ENGLISH and METRIC: Two - 6 inch samples per 500 posts (Studded T-posts: One - 3 foot piece per 500 posts.)
- **Technician Certifications:** (None)

**Test Formats**
1. Fence Posts - Version 7
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Fence Posts (Metric) - Version 8
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. Vinyl Fence Posts - Version 7
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

4. Vinyl Fence Posts (Metric) - Version 6

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Chemical Lab</th>
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</thead>
<tbody>
<tr>
<td>IA Type:</td>
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</tr>
<tr>
<td>Metric/English Code:</td>
<td>Metric</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/12/2002
Performed By: rpace
Check In: Changed frequency for metal fence posts for chainlink
Comment: from 2000 lf to 500 posts.
Fence Post, Metal

General

Group: Landscape
How Received: Material Receipt
Metric/English: Both
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 2.00
From Date: 01/03/2000 To Date: 01/03/2000

Methods of Acceptance

Pretest: Optional
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Type
Responsibility

(Nonne) M&T RE Both
(Nonne) M&T RE Both
(Nonne) M&T RE Both

☐ M&T 913 Report (Steel)

Small Quantity: ☑ English: 400 LF, Metric: 120 meters
Other Reports: Notify M&T for inspection.

Testing Requirements

Sample Comment:
ENGLISH: Two - 6 inch samples per shipment or 2000 LF.
(Studded T-posts: One - 3 foot piece per 2000 LF.)
METRIC: Two - 150 mm samples per shipment or 610 meters.
(Studded T-posts: One - 1 meter piece per 610 meters.)

Technician Certifications: (None)

Test Formats

1. Fence Posts - Version 7

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

2. Fence Posts (Metric) - Version 8

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

3. Vinyl Fence Posts - Version 7

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/03/2000
Performed By: rpace
Check In: Anchor units will be checked for Chemistry on an Optional basis.
Test Formats

4. Vinyl Fence Posts (Metric) - Version 6

  **Owning Lab:** Chemical Lab  
  **IA Type:** None  
  **Metric/English Code:** Metric  
  **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/03/2000  
**Performed By:** rpace  
**Check In:** Anchor units will be checked for Chemistry on an Optional basis.

**Comment:** basis.
North Carolina Department of Transportation  
Minimum Sampling Guide

**Fence Post, Metal**

**General**

- **Group:** Steel  
- **Status:** Expired  
- **How Received:** Material Receipt  
- **Version:** 4.02  
- **Metric/English:** Both  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Facility Type:** Fencing Materials  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**

- **Pretest:** Optional  
- **Alt ID Matching:** No Match, Alt ID Required  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** English and Metric: < 40 posts  
- **Other Reports:** Notify M&T for sampling; Must meet Buy America Law

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** If Not Pretested must take project samples. Two - 6 inch samples per 500 posts
- **Technician Certifications:** (None)

**Test Formats**

1. **Fence Posts - Version 7**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English

2. **Fence Posts (Metric) - Version 8**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric

3. **Vinyl Fence Posts - Version 7**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English

**Action Date:** 07/17/2000  
**Performed By:** twhittington  
**Check In:** per CDG  
**Comment:**
## Test Formats

### 4. Vinyl Fence Posts (Metric) - Version 6

<table>
<thead>
<tr>
<th>Sample/Test Remarks:</th>
<th>IA Type: None</th>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab: Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fencing Accessories

#### General
- **Group:** Landscape  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance

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<tr>
<th>Pretest:</th>
<th>Optional</th>
<th>Certification: N/A</th>
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<tbody>
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<tr>
<td>Visual Inspection:</td>
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<td></td>
</tr>
<tr>
<td>Catalog Cut:</td>
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<td></td>
</tr>
<tr>
<td>Field Inspection:</td>
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<td></td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other Reports:** Visual inspection shall ensure that accessories are zinc coated and are in a sound condition. See 1050-7 for specifications.

#### Testing Requirements

**Sample Comment:** AS NEEDED  
**>>Brace Wire:** One - 3 ft. length for each shipment.  
**>>Nails, Staples, etc.:** Three of each from each shipment.  
**>>Chain Link/Woven Wire Accessories:** Two samples of each item from each shipment.

**Technician Certifications:** (None)

### Test Formats

1. **Fence Accessories - Version 8**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

2. **Fence Accessories (Metric) - Version 10**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**
Fencing Accessories

General

Group: Landscape                      Status: Expired
How Received: Material Receipt       Version: 3.01
Metric/English: Both                  From Date: 01/01/1999   To Date: 12/31/2075
Facility Type: Fencing Materials     Default Auth Lab: Chemical Lab
Project Certification: Non-Critical MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Optional                     Certification: Required
Alt ID Matching: No Match            Type
Sample/Test: Optional                Responsibility
Approved List: N/A                  6: Supplier's Certification
Visual Inspection: Required         ○ M&T ○ RE ○ Both
Catalog Cut: N/A                     Buy America
Field Inspection: N/A                ○ M&T ○ RE ○ Both
Small Quantity:                      (None)
Other Reports: Must meet Buy America Statement. Notify M&T for sampling only.

Testing Requirements

Test Category        Sample Frequency        Sampling Responsibility        Testing Responsibility
Verification          999,999.00            M&T Field                      M&T Lab

Sample Comment: If Not Pretested must take project samples. >>Brace Wire: One - 3 ft. length for each shipment. >>Nails, Staples, etc.: Three of each from each shipment. >>Chain Link/Woven Wire Accessories: Two samples of each item from each shipment.

Technician Certifications: (None)

Test Formats

1. Fence Accessories - Version 8
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Fence Accessories (Metric) - Version 10
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:
Fencing Accessories

General
Group: Landscape
How Received: Material Receipt
Metric/English: Both
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 2.01
From Date: 09/12/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Visual inspection shall ensure that accessories are zinc coated and are in a sound condition. See 1050-7 for specifications.

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 999,999.00 | M&T Field | M&T Lab

Sample Comment: AS NEEDED  >>Brace Wire: One - 3 ft. length for each shipment.  >>Nails, Staples, etc.: Three of each from each shipment.  >>Chain Link/Woven Wire Accessories: Two samples of each item from each shipment.

Technician Certifications: (None)

Test Formats
1. Fence Accessories - Version 8
   
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Fence Accessories (Metric) - Version 10
   
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Action Date: 11/15/2006  Performed By: conv
Check In: Adding Facility Type.
Comment:
### Fencing Accessories

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Landscape</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Fencing Materials</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Small Quantity

- Visual inspection shall ensure that accessories are zinc coated and are in a sound condition. See 1050-7 for specifications.

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment

- AS NEEDED
- Brace Wire: One - 3 ft. length for each shipment.
- Nails, Staples, etc.: Three of each from each shipment.
- Chain Link/Woven Wire Accessories: Two samples of each item from each shipment.

### Test Formats

1. Fence Accessories - Version 8
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Fence Accessories (Metric) - Version 10
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Action Date:** 01/01/1999  
**Performed By:** twittington  
**Check In:** Adding Facility Type.  
**Comment:**
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Fencing Accessories

**General**
- **Group:** Steel
- **Status:** Expired
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Must meet Buy America Statement. Notify M&T for sampling only.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If Not Pretested must take project samples.  
>>Brace Wire: One - 3 ft. length for each shipment.  
>>Nails, Staples, etc.: Three of each from each shipment.  
>>Chain Link/Woven Wire Accessories: Two samples of each item from each shipment.

**Technician Certifications:**  (None)

### Test Formats
1. **Fence Accessories - Version 8**
   - **Owing Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Fence Accessories (Metric) - Version 10**
   - **Owing Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

Action Date: 02/27/2013  
Performed By: rpace  
Check In: New MSG Groups 2013  
Comment:
Fencing Accessories

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Landscape</th>
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<th>History</th>
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<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>1.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
<td>From Date:</td>
<td>05/16/1997</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

Pretest: | Required
Alt ID Matching: | Match Alt ID/Match from Sample
Sample/Test: | Optional
Approved List: | N/A
Visual Inspection: | N/A
Catalog Cut: | N/A
Field Inspection: | N/A
Small Quantity: | ☐
Other Reports: | Prepayment Invoice Required; Pay Adj Required

Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>☐ M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment: | Two of each type of accessory per shipment.
Technician Certifications: | (None)

Test Formats

1. Fence Accessories - Version 8
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks: 

2. Fence Accessories (Metric) - Version 10
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Fencing Accessories

General

Group: Fencing Materials
How Received: Material Receipt
Metric/English: Both
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 3.03
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Other Reports: Must meet Buy America Statement. Notify M&T for sampling only.

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 M&T Field M&T Lab

Sample Comment: If Not Pretested must take project samples.

1. Fence Accessories - Version 8
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Fence Accessories (Metric) - Version 10
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:
**Fencing Fabric, Woven Wire**

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 1500 ft.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>16,500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One - 3 ft. piece of wire, full height of fabric, per 50 rolls (16,500 ft.).
- **Technician Certifications:** (None)

### Test Formats
1. **Chain Link Fence - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Adding Facility Type.

**Comment:**
Fencing Fabric, Woven Wire

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.01
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1500 ft.
Other Reports: Notify M&T for sampling only

Certification: Required
Type: M &T
Responsibility
Buy America (None)
M &T
RE
Both

Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 16,500.00 M&T Field M&T Lab

Sample Comment: If Not Pretested must take project samples. One - 3 ft. piece of wire, full height of fabric, per 50 rolls (16,500 ft.). Notify M&T for sampling.

Technician Certifications: (None)

Test Formats
1. Chain Link Fence - Version 4

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:
### Fencing Fabric, Woven Wire

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Landscape</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

**Status:** History  
**Version:** 1.00  
**From Date:** 07/17/2000  
**To Date:** 07/17/2000

**Methods of Acceptance**

<table>
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<tr>
<th>Pretest</th>
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<tbody>
<tr>
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<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>450 meters</td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,050.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - 1 meter piece of wire, full height of fabric, per 50 rolls (5050 meters).

**Test Formats**

1. Chain Link Fence (Metric) - Version 4

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Lab</td>
<td>Metric</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IA Type</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Fencing Fabric, Woven Wire

General
- Group: Landscape
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Chemical Lab

Methods of Acceptance
- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 1500 ft.

Certification: N/A
- Type: M & T
- Responsibility: RE

Testing Requirements
- Test Category: Acceptance
- Sample Frequency: 16,500.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Lab
- Sample Comment: One - 3 ft. piece of wire, full height of fabric, per 50 rolls (16,500 ft.).
- Technician Certifications: (None)

Test Formats
1. Chain Link Fence - Version 4
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:
Fencing Fabric, Woven Wire

General

Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 1.01
From Date: 09/12/2001 To Date: 09/23/2006

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 450 meters
Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 5,050.00 M&T Field M&T Lab

Sample Comment: One - 1 meter piece of wire, full height of fabric, per 50 rolls (5050 meters).

Technician Certifications: (None)

Test Formats

1. Chain Link Fence (Metric) - Version 4
   
   Ownering Lab: Chemical Lab
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Fencing Fabric, Woven Wire

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Fencing Materials</th>
<th>Status:</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>2.02</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Fencing Materials</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | Optional |
| Alt ID Matching: | No Match |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | Required |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | 1500 ft. |
| Other Reports: | Notify M&T for sampling only |

Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>6: Supplier's Certification</td>
</tr>
<tr>
<td></td>
<td>Buy America</td>
</tr>
<tr>
<td></td>
<td>(None)</td>
</tr>
<tr>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>16,500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If Not Pretested must take project samples. One - 3 ft. piece of wire, full height of fabric, per 50 rolls (16,500 ft.). Notify M&T for sampling.

Technician Certifications: (None)

Test Formats

1. Chain Link Fence - Version 4

   | Owning Lab: | Chemical Lab |
   | Metric/English Code: | English |
   | IA Type: | None |
   | Sample/Test Remarks: | |

Action Date: 03/20/2013
Performed By: rpace
Check In: x
Comment: 
Fencing Fabric, Woven Wire

General
Group: Landscape
Status: Current
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

How Received: Material Receipt
Metric/English: Metric
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 450 meters

Certification:
N/A

Responsibility
(Nothing)
(Nothing)
(Nothing)
M&T
RE
Both
M&T
RE
Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Acceptance
Sample Frequency 5,050.00
Sampling Responsibility M&T Field
Testing Responsibility M&T Lab

Sample Comment:
One - 1 meter piece of wire, full height of fabric, per 50 rolls (5050 meters).

Technician Certifications:
(None)

Test Formats
1. Chain Link Fence (Metric) - Version 4

Owning Lab: Chemical Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Fencing Fabric, Woven Wire

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1500 ft.

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>16,500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - 3 ft. piece of wire, full height of fabric, per 50 rolls (16,500 ft.).

Technician Certifications: (None)

Test Formats

1. Chain Link Fence - Version 4

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Fencing Fabric, Woven Wire

General
Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 450 meters

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 5,050.00 | M&T Field | M&T Lab

Sample Comment: One - 1 meter piece of wire, full height of fabric, per 50 rolls (5050 meters). Notify M&T for sampling.

Technician Certifications: (None)

Test Formats
1. Chain Link Fence (Metric) - Version 4
   Owned Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Certification: N/A
Type: M&T 913 Report (Steel)

Responsibility
- M&T
- RE
- Both
- M&T
- RE
- Both
- M&T
- RE
- Both
**Fencing Fabric/Wire**

**General**
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Status:** History
**Version:** 4.00
**From Date:** 09/12/2001 **To Date:** 09/12/2001

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Yes, Chain Link = 30 meters

**Other Reports:**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>750.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - 1 meter piece of wire, across width of roll, for each 50 rolls (750 m) from each lot.

**Technician Certifications:** (None)

**Test Formats**
1. Chain Link Fence (Metric) - Version 4
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. Fence Wire (Metric) - Version 6
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/12/2001 **Performed By:** twhittington
**Check In:** Adding Facility Type. **Comment:**
Fencing Fabric/Wire

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 7.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  Chain Link = 100 ft.

Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,500.00 M&T Field M&T Lab

Sample Comment: One - picket of wire, taken across the full width of the roll, for each 50 rolls (2500 ft.) from each lot.

Technician Certifications: (None)

Test Formats

1. Chain Link Fence - Version 4
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. FENCE WIRE - Version 9
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: twhittington
Check In: Adding Facility Type.
Comment:
Fencing Fabric/Wire

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 6.00
From Date: 08/07/2000 To Date: 08/16/2000

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes Chain Link = 100 ft.

Other Reports:

Testing Requirements

Sample Comment: One - picket of wire, taken across the full width of the roll, for each 50 rolls (2500 ft.) from each lot.

Technician Certifications: (None)

Test Formats

1. Chain Link Fence - Version 4
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English

2. FENCE WIRE - Version 9
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/07/2000
Performed By: twhittington
Check In: Added material type of subgrade stabilizers, Portland
Comment: cement to the msg.
## Fencing Fabric/Wire

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Landscape</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
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<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>Chain Link = 100 ft.</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - 3 ft. piece of wire, across width of roll, for each 50 rolls (2500 ft.) from each lot.

**Technician Certifications:** (None)

### Test Formats

1. **Chain Link Fence - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

2. **FENCE WIRE - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

### Notes

- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/17/2000
**Performed By:** twhittington
**Check In:** Frequency Change
**Comment:**
**Fencing Fabric/Wire**

**General**

<table>
<thead>
<tr>
<th>Group:</th>
<th>Landscape</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>4.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>03/20/2000</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>03/20/2000</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Optional</th>
<th>Certification:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
<td>Type</td>
<td>N/A</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>Optional</td>
<td>Responsibility</td>
<td>M &amp;T RE Both</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T RE Both</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T RE Both</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T RE Both</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
<td></td>
<td>M &amp;T RE Both</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>chainlink=100 LF, barbed or woven wire=1500 LF</td>
<td></td>
<td>M &amp;T 913 Report (Steel)</td>
</tr>
<tr>
<td>Other Reports:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Testing Requirements**

| Sample Comment:            | One piece of wire across width of roll for 3 LF in length for each 5280 LF. |
| Technician Certifications: | (None)                        |

**Test Formats**

1. Chain Link Fence - Version 4
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. FENCE WIRE - Version 9
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/2000  
**Performed By:** rpac

**Check In:** Added Acid Producing Rock

**Comment:**

---
Fencing Fabric/Wire

General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

Status: History
- **Version:** 3.00
- **From Date:** 03/20/2000
- **To Date:** 03/20/2000

Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ChainLink=100 LF, Barbed or Woven Wire=1500 LF

Other Reports:

Testing Requirements
- **Sample Comment:** One piece of wire across width of roll for 3 LF in length for each 5280 LF.
- **Technician Certifications:** (None)

Test Formats
1. **Chain Link Fence - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **FENCE WIRE - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2000
Performed By: rpace
Check In: Changed Alternate Id Match code from match to sample to
Comment: no match
## Fencing Fabric/Wire

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

| Pretest: | Optional |
| Alt ID Matching: | Match Alt ID/Match from Sample |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

- **Small Quantity:** 100 LF
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** Two - pieces of wire across width of roll for each 100 rolls
- **Technician Certifications:** (None)

### Test Formats

1. **Chain Link Fence - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **FENCE WIRE - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/16/1997  
**Performed By:** twhittington

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
## Fencing Fabric/Wire

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ✓ Chain Link = 30 meters

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>750.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - picket of wire, taken across the full width of the roll, for each 50 rolls (750 m) from each lot.

**Technician Certifications:** (None)

### Test Formats
1. **Chain Link Fence (Metric) - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Fence Wire (Metric) - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** changed fencing fabric/wire pretest code from required to optional- rkp  
**Comment:** optional- rkp
## Fencing Fabric/Wire

### General

<table>
<thead>
<tr>
<th>Group:</th>
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<tbody>
<tr>
<td>How Received:</td>
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<td>Version:</td>
<td>6.01</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
<td>01/01/1999 To Date: 12/31/2075</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Fencing Materials</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Optional</th>
<th>Certification:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
<td>Type</td>
<td>N/A</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>Optional</td>
<td>Responsibility</td>
<td>(None) M&amp;T</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
<td>(None) M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>Required</td>
<td>(None) M&amp;T</td>
<td>RE</td>
</tr>
</tbody>
</table>

**Small Quantity:**  
- **Chain Link = 30 meters**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>750.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**  
- One - picket of wire, taken across the full width of the roll, for each 50 rolls (750 m) from each lot. Notify M&T for sampling.

**Technician Certifications:**  
- (None)

### Test Formats

1. **Chain Link Fence (Metric) - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

2. **Fence Wire (Metric) - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
Fencing Fabric/Wire

General
Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ✔ Chain Link = 30 meters

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 750.00 | M&T Field | M&T Lab

Sample Comment: One - picket of wire, taken across the full width of the roll, for each 50 rolls (750 m) from each lot.

Technician Certifications: (None)

Test Formats
1. Chain Link Fence (Metric) - Version 4
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Fence Wire (Metric) - Version 6
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/22/2002
Performed By: twittington
Check In: ditto
Comment:
## Fencing Fabric/Wire

### General

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Status

- **Status:** History
- **Version:** 3.00
- **From Date:** 07/17/2000
- **To Date:** 07/17/2000

### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Yes, Chain Link = 30 meters

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>750.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One - 1 meter piece of wire, across width of roll, for each 50 rolls (750 m) from each lot.
- **Technician Certifications:** (None)

### Test Formats

1. **Chain Link Fence (Metric) - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Fence Wire (Metric) - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/17/2000

**Performed By:** tw hittington

**Check In:** New Frequency.

**Comment:**
**Fencing Fabric/Wire**

**General**
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Status:** History
**Version:** 2.00
**From Date:** 03/08/2000  **To Date:** 03/15/2000

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

**Small Quantity:** ✔ Chain Link= 30 meters, Barbed or Woven Wire=450 meters

**Other Reports:**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,610.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One piece of wire across width of roll for 1 meter in length for each 1610 linear meters.

**Technician Certifications:** (None)

**Test Formats**

1. **Chain Link Fence (Metric) - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Fence Wire (Metric) - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/08/2000  **Performed By:** rpace

**Check In:** In step changes  **Comment:**
Fencing Fabric/Wire

General

Group: Landscape  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Metric  From Date: 05/16/1997  To Date: 12/11/1999
Facility Type: (None)  Project Certification: Non-Critical
Default Auth Lab: Chemical Lab  MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A Type
Alt ID Matching: (None)  Responsibility
Sample/Test: Optional  (None)
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A  (None)
Field Inspection: N/A
Small Quantity: 30 meters
Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment: Two - pieces of wire across width of roll for each 100 rolls.

Technician Certifications: (None)

Test Formats

1. Chain Link Fence (Metric) - Version 4
   Owned Lab: Chemical Lab  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:

2. Fence Wire (Metric) - Version 6
   Owned Lab: Chemical Lab  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997  Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Fencing Fabric/Wire

**General**
- **Group:** Landscape  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Fencing Materials  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Chemical Lab  

**Status:** Current  
**Version:** 6.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** Optional  
- **Alt ID Matching:** No Match  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** Chain Link = 30 meters  

**Certification:** N/A  
**Responsibility**
- (None)  

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>750.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - picket of wire, taken across the full width of the roll, for each 50 rolls (750 m) from each lot.

**Technician Certifications:** (None)

### Test Formats

1. **Chain Link Fence (Metric) - Version 4**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **Fence Wire (Metric) - Version 6**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** changed fencing fabric/wire pretest code from required to optional- rkp  
**Comment:** optional- rkp
## Fencing Fabric/Wire

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Optional</th>
<th>Certification</th>
<th>N/A</th>
<th>Type</th>
<th>M&amp;T</th>
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</tr>
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<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
<td>(None)</td>
<td></td>
<td>M&amp;T</td>
<td>RE</td>
<td></td>
<td>Both</td>
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<tr>
<td>Sample/Test</td>
<td>Optional</td>
<td>(None)</td>
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<td>M&amp;T</td>
<td>RE</td>
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<tr>
<td>Approved List</td>
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<td></td>
<td>M&amp;T</td>
<td>RE</td>
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<td>Both</td>
</tr>
<tr>
<td>Visual Inspection</td>
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<td></td>
<td>M&amp;T</td>
<td>RE</td>
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<td>Both</td>
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<tr>
<td>Catalog Cut</td>
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<td>M&amp;T</td>
<td>RE</td>
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<td>Both</td>
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<tr>
<td>Field Inspection</td>
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<td></td>
<td>M&amp;T</td>
<td>RE</td>
<td></td>
<td>Both</td>
</tr>
</tbody>
</table>

- **Small Quantity:** Chain Link = 100 ft.
- **Other Reports:**

### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 2,500.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Lab

**Sample Comment:** One - picket of wire, taken across the full width of the roll, for each 50 rolls (2500 ft.) from each lot.

**Technician Certifications:** (None)

### Test Formats
1. **Chain Link Fence - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **FENCE WIRE - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Adding Facility Type.

**Comment:**
Fencing Fabric/Wire

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab
Status: Expired
Version: 7.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Chain Link = 100 ft.
Other Reports:

Testing Requirements
Test Category: Verification
Sample Frequency: 2,500.00
Sampling Responsibility: M&T Field
Testing Responsibility: M&T Lab
Sample Comment: If Not Pretested must take project samples. One - picket of wire, taken across the full width of the roll, for each 50 rolls (2500 ft.) from each lot. Notify M&T for Sampling

Technician Certifications: (None)

Test Formats
1. Chain Link Fence - Version 4
   Owning Lab: Chemical Lab
   Metric/English Code: English
   Sample/Test Remarks:

2. FENCE WIRE - Version 9
   Owning Lab: Chemical Lab
   Metric/English Code: English
   Sample/Test Remarks:
# Fencing Fabric/Wire

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Fencing Materials</th>
<th>Status</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>7.03</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Fencing Materials</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Small Quantity:** ☑ Chain Link = 100 ft.

## Testing Requirements

### Test Formats

1. **Chain Link Fence - Version 4**
   - **Owning Lab:** Chemical Lab
   - **Metric/English Code:** English
   - **IA Type:** None
   - **Sample/Test Remarks:**

2. **FENCE WIRE - Version 9**
   - **Owning Lab:** Chemical Lab
   - **Metric/English Code:** English
   - **IA Type:** None
   - **Sample/Test Remarks:**

### Testing Responsibility

- **Verification:** Required
  - Certification: M&T Field
  - Responsibility: Both
  - Type: M&T

### Other Reports

- **M&T 913 Report (Steel)**

---

**Action Date:** 03/20/2013  
**Performed By:** rpace

**Check In:** New MSG 2013  
**Comment:**

---
## Fencing Fabric/Wire

### General
- **Group:** Fencing Materials
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab
- **Status:** Expired
- **Version:** 7.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Yes, Chain Link = 100 ft.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If Not Pretested must take project samples. One picket of wire, taken across the full width of the roll, for each 50 rolls (2500 ft.) from each lot. Notify M&T for Sampling.

### Technician Certifications
- (None)

### Test Formats

1. **Chain Link Fence - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **FENCE WIRE - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Action Date:** 03/20/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
Fencing Fabric/Wire

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 2.00
From Date: 03/08/2000 To Date: 03/15/2000

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: ☑ ChainLink=100 LF, Barbed or Woven Wire=1500 LF

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 5,280.00 | M&T Field | M&T Lab

Sample Comment: One piece of wire across width of roll for 3 LF in length for each 5280 LF.

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 5,280.00 | M&T Field | M&T Lab

Sample Comment: One piece of wire across width of roll for 3 LF in length for each 5280 LF.

Technician Certifications: (None)

Test Formats

1. Chain Link Fence - Version 4

   Owning Lab: Chemical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

2. FENCE WIRE - Version 9

   Owning Lab: Chemical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/08/2000
Performed By: rpace
Check In: In step changes
Comment:
Fencing Wire, Barbed

General

Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☑ Barbed Wire = 450 m

Other Reports:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 20,000.00 | M&T Field | M&T Lab

Sample Comment: One 2 meter length per 50 rolls (20,000 meters) per lot (type). Notify M&T for sampling.

Technician Certifications: (None)

Test Formats

1. Fence Wire (Metric) - Version 6
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

   Action Date: 02/22/2012  
   Performed By: dimiller

   Check In
   Comment:
### Fencing Wire, Barbed

#### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Status:** History  
**Version:** 1.00  
**From Date:** 07/17/2000  
**To Date:** 07/17/2000

#### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☑️ Barbed Wire = 450 m

#### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 20,000.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Lab

**Sample Comment:** One 2 meter length per 50 rolls (20,000 meters) per lot (type).

**Technician Certifications:** (None)

#### Test Formats
1. Fence Wire (Metric) - Version 6
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/17/2000  
**Performed By:** twittington  
**Check In:** New Material Type. Frequency Change  
**Comment:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>N/A</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>☑️</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technicians</th>
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<tbody>
<tr>
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</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Other Reports:</th>
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</thead>
<tbody>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fence Wire (Metric) - Version 6</td>
</tr>
</tbody>
</table>

| **Owning Lab:** Chemical Lab  
| **IA Type:** None  
| **Metric/English Code:** Metric
Fencing Wire, Barbed

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Barbed Wire = 1500 ft.

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>66,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If Not Pretested must take project samples. One 5 ft. length per 50 spools (66,000 ft.) per lot (type). Notify M&T for sampling.

Technician Certifications: (None)

Test Formats

1. FENCE WIRE - Version 9

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Certification: Required
Type: 6: Supplier's Certification
Buy America (None)

Responsibility
- M&T
- RE
- Both

M&T 913 Report (Steel)
### Fencing Wire, Barbed

**General**

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
  - **Barbed Wire = 450 m**

**Other Reports:**

- **Certification:** N/A
- **Responsibility**
  - (None)
  - (None)
  - (None)

- **M&T 913 Report (Steel)**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

One 2 meter length per 50 rolls (20,000 meters) per lot (type).

**Technician Certifications:** (None)

**Test Formats**

1. Fence Wire (Metric) - Version 6

- **Owning Lab:** Chemical Lab
- **IA Type:** None

**Metric/English Code:** Metric

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Adding Facility Type.  
**Comment:**
# Fencing Wire, Barbed

## General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Fencing Materials
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

## Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Barbed Wire = 450 m

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>20,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 2 meter length per 50 rolls (20,000 meters) per lot (type).

**Technician Certifications:** (None)

## Test Formats

1. Fence Wire (Metric) - Version 6

   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** twittington  
**Check In:** Adding Facility Type.

**Comment:**

---
# Fencing Wire, Barbed

## General

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
<td>Landscape</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Fencing Materials</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
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<tbody>
<tr>
<td>Pretest</td>
<td>Optional</td>
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<tr>
<td>Alt ID Matching</td>
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<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☑ Barbed Wire = 1500 ft.</td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
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</tbody>
</table>

## Certification

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
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## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>66,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

| Sample Comment          | One 5 ft. length per 50 spools (66,000 ft.) per lot (type). |

| Technician Certifications | (None) |

## Test Formats

1. **FENCE WIRE** - Version 9

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Lab</td>
<td>English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IA Type</th>
</tr>
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<tbody>
<tr>
<td>None</td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Fencing Wire, Barbed

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Barbed Wire=1500 LF

Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 66,000.00 M&T Field M&T Lab

Sample Comment: One 5 ft. length per 50 spools (66,000 ft.) per lot (type).

Technician Certifications: (None)

Test Formats

1. FENCE WIRE - Version 9

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/17/2000
Performed By: twhiltington
Check In: New Material Type. Frequency changes.
Comment:
Fencing Wire, Barbed

General
Group: Fencing Materials
How Received: Material Receipt
Metric/English: English
Facility Type: Fencing Materials
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 3.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Barbed Wire = 1500 ft.

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Verification | 66,000.00 | M&T Field | M&T Lab

Sample Comment: If Not Pretested must take project samples. One 5 ft. length per 50 spools (66,000 ft.) per lot (type). Notify M&T for sampling.

Technician Certifications: (None)

Test Formats
1. FENCE WIRE - Version 9

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:
# Fencing Wire, Barbed

## General
- **Group:** Landscape  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** Optional  
- **Alt ID Matching:** No Match  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** Barbed Wire = 1500 ft.

### Testing Requirements
- **Sample Comment:** One 5 ft. length per 50 spools (66,000 ft.) per lot (type).
- **Technician Certifications:** (None)

### Test Formats
1. **FENCE WIRE - Version 9**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/17/2000  
**Performed By:** twiltington  
**Check In:** New Material Type. Frequency Change.

**Comment:**

*Certification:* N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T \ RE \ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T \ RE \ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T \ RE \ Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)
Fencing Wire, Barbed

General

Group: Landscape  Status: Expired
How Received: Material Receipt  Version: 3.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Fencing Materials  Default Auth Lab: Chemical Lab
Project Certification: Non-Critical  MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Optional  Certification: N/A
Alt ID Matching: No Match  Type
Sample/Test: Optional  Responsibility
Approved List: N/A  (None)
Visual Inspection: N/A  M&T
Catalog Cut: N/A  RE
Field Inspection: N/A  Both
Small Quantity: Barbed Wire = 1500 ft.
Other Reports:

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  66,000.00  M&T Field  M&T Lab

Sample Comment: One 5 ft. length per 50 spools (66,000 ft.) per lot (type).

Technician Certifications: (None)

Test Formats

1. FENCE WIRE - Version 9

Owning Lab: Chemical Lab  Metric/English Code: English
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Ferry - Marine Vessel

General
Group: Structural
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: N/A
Type: M &T RE Both
Responsibility
(None)
(Both)
(Both)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/02/2018
Performed By: fdward
Check In: Added new Material Type and Material
Comment:
Ferry Items

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports:

Testing Requirements

Sample Comment: 
Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
   (None)
   (None)
   M&T 913 Report (Steel)
   ☐ M&T 913 Report (Steel)

Responsibility
   RE
   Both
   M&T RE Both
   M&T RE Both
   M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/24/2014
Performed By: rpace
Check In new item
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Fertilizer

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Type 1 = Guaranteed Analysis Report

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 100,000,000.00 | Other | Other

Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fm Moody
Check In: Fertilizer (English) - changed Sample/Test to Optional and added Verification to Test Category.
Fertilizer

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Type 1 = Guaranteed Analysis Report; Pay Adj Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Certification: Required
Responsibility

1: Certified Mill Test Report
(None)
(M&T) RE Both
(M&T) RE Both
(M&T) RE Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmood
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Fertilizer

General
Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Type 1 = Guaranteed Analysis Report

Testing Requirements
Test Category: Verification
Sample Frequency: 100,000,000.00
Sampling Responsibility: Other
Testing Responsibility: Other

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Fertilizer

General
Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: unchecked
Other Reports: Type 1 = Guaranteed Analysis Report; Pay Adj Required

Certification: Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M &amp; T</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>(None)</td>
<td>RE</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
<td>Both</td>
</tr>
</tbody>
</table>

M & T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Fertilizer

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Landscape</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
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</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
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<td>Facility Type:</td>
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</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Roadside Environmental Traffic Engineering</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest:         | N/A                            |
| Alt ID Matching: | (None)                         |
| Sample/Test:     | Optional                       |
| Approved List:   | N/A                            |
| Visual Inspection: | N/A                          |
| Catalog Cut:     | N/A                            |
| Field Inspection: | N/A                           |
| Small Quantity:  |                                |
| Other Reports:   | Type 1 = Guaranteed Analysis Report |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>Other</td>
<td>Other</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Fertilizer (Metric) - changed Sample/Test to Optional  
**Comment:**
Fertilizer

General
Group: Landscape  Status: History
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Type 1 = Guaranteed Analysis Report

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  100,000,000.00  Other  Other

Certification: Required
Type
6: Supplier's Certification
Other
(None)
Responsibility
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In  Fertilizer (English) - changed Sample/Test to Optional and
Comment: added Verification to Test Category.
Fertilizer

General

Group: Landscape  Status: Current
How Received: Material Receipt  Version: 2.00
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Type 1 = Guaranteed Analysis Report

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T RE Both</td>
<td></td>
</tr>
<tr>
<td>Other (None)</td>
<td>M&amp;T RE Both</td>
<td></td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 100,000,000.00 | Other | Other

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmood

Check In: Fertilizer (Metric) - changed Sample/Test to Optional
Comment:
## Fertilizer

### General

- **Group:** Landscape
- **Status:** Current
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Type 1 = Guaranteed Analysis Report</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>Other</td>
<td>Other</td>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
## Field Density - Aggregate Base Course

### General
- **Group:** Aggregate  
- **How Received:** Pay Record  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Soils Lab  
- **Status:** History  
- **Version:** 1.00  
- **From Date:** 03/15/2000  
- **To Date:** 03/15/2000

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

### Testing Requirements
- **Sample Comment:** See appropriate QC/QA manual for sample frequency. DENSITY: 9 meters in width or less>one per 300 meters. more than 9 meters in width>one per 2500 sq. meter.
- **Technician Certifications:** (None)

### Test Formats
1. **ABC Control Strip Density - Version 1**
   - **Owing Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **Conventional Density Test 3 - Version 2**
   - **Owing Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

3. **Test Section Density Test, ABC - Version 1**
   - **Owing Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date:
03/15/2000

### Performed By:
thjones

### Check In:
In step changes

### Comment:
## Field Density - Aggregate Base Course

### General

<table>
<thead>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>Status</td>
<td>History</td>
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<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
<tr>
<td>From Date</td>
<td>05/14/2004</td>
</tr>
<tr>
<td>To Date</td>
<td>09/23/2006</td>
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<tr>
<td>Version</td>
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### Methods of Acceptance

<table>
<thead>
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<th>Value</th>
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<tbody>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Other Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 500, 504, or 514N or 515N; ABC Unit Weight Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>Project Personnel</td>
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</table>

### Sample Comment

See appropriate QC/QA manual for sample frequency. DENSITY: 9 meters in width or less>one per 300 meters. more than 9 meters in width>one per 2500 sq. meter. IA - One comparative test per 3.2 km pavement lane.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR QMS Density Gauge Technician</td>
</tr>
</tbody>
</table>

### Test Formats

1. ABC Control Strip Density - Version 1

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils Lab</td>
<td>Metric</td>
<td></td>
</tr>
<tr>
<td>None</td>
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<td></td>
</tr>
</tbody>
</table>

### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date

Action Date: 11/15/2006

### Performed By

Performed By: conv

### Check In

Check In: Field Density - ABC - Metric - Changed How Received from Pay Record to Not Received; v6.1 conv - The information from this record has been merged with another record.
## Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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</thead>
<tbody>
<tr>
<td>2. Conventional Density Test 3 - Version 2</td>
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</tr>
<tr>
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<td></td>
<td></td>
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<tr>
<td><strong>IA Type:</strong> None</td>
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<td></td>
</tr>
<tr>
<td>3. Test Section Density Test, ABC - Version 1</td>
<td>Metric</td>
<td>None</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
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<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In:  
Field Density - ABC - Metric - Changed How Received  
Comment: from Pay Record to Not Received; v6.1 conv - The information from this record has been merged with another record.
### Field Density - Aggregate Base Course

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
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</table>

#### Status:
- **Version**: 5.00
- **From Date**: 05/14/2004
- **To Date**: 09/22/2006
- **Archive**

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
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<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 500, 504, or 514N or 515N; ABC Unit Weight Required</td>
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</table>

**Certification**: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>RE</td>
<td>RE</td>
</tr>
<tr>
<td>Both</td>
<td>Both</td>
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</tbody>
</table>

**M&T 913 Report (Steel)**

**Inspection Type(s)**: Density Other Conventional & Nuclear

#### Testing Requirements

**Test Category**: Acceptance

<table>
<thead>
<tr>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000.00</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment**: See appropriate QC/QA manual for sample frequency. DENSITY: 32 feet in width or less > One per 1000 linear feet. More than 32 feet in width > One per 3000 sq yd.

#### Technician Certifications:

- **Type**: Density Other Conventional
  - Certification(s): Conventional Density Technician
- **Type**: Density Other Nuclear
  - Certification(s): ABC Nuclear Density Technician
- **Type**: Sampling
  - Certification(s): Conventional Density Technician OR QMS Density Gauge Technician

#### Test Formats

1. ABC Control Strip Density - Version 1

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils Lab</td>
<td>English</td>
</tr>
</tbody>
</table>

**IA Type**: None

**Sample/Test Remarks**: None

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 05/14/2004

**Performed By**: fmooody

**Check In**: Field Density - ABC - English - Changed How Received from Pay Record to Not Received; v6.1 conv - The information from this record has been merged with...
### Test Formats

2. **Conventional Density Test 3 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:** None

3. **Test Section Density Test, ABC - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2004  
**Performed By:** fmoody  
**Check In:** Field Density - ABC - English - Changed How Received; v6.1 conv - The information from this record has been merged with the previous record.
**Comment:** from Pay Record to Not Received;
Field Density - Aggregate Base Course

General

Group: Aggregate
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 4.00
From Date: 06/29/2001 To Date: 06/29/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: □
Other Reports: M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1,000.00 Project Personnel Project Personnel

Sample Comment: See appropriate QC/QA manual for sample frequency. DENSITY: 32 feet in width or less > One per 1000 linear feet. More than 32 feet in width > One per 3000 sq yd.

Technician Certifications:

Type Certification(s)
Sampling Conventional Density Technician OR QMS Density Gauge Technician

Test Formats

1. ABC Control Strip Density - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 3 - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001     Performed By: conv
Check In Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
Test Formats

3. Test Section Density Test, ABC - Version 1

        | Metric/English Code: English
   IA Type: None
      | Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Perform By: conv
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
## Field Density - Aggregate Base Course

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Optional</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Small Quantity

- M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

### Other Reports

- M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

### Sample Comment

See appropriate QC/QA manual for sample frequency. DENSITY: 32 feet in width or less > One per 1000 linear feet. More than 32 feet in width > One per 3000 sq yd.

### Technician Certifications

- Type: Sampling
- Certification(s): Conventional Density Technician OR QMS Density Gauge Technician

### Test Formats

1. **ABC Control Strip Density** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 3** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/23/2001  
**Performed By:** twhillington  
**Check In:** Adding for v5  
**Comment:**

### Test Formats

3. Test Section Density Test, ABC - Version 1

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>English</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/23/2001

Performed By: twittington

Check In: Adding for v5

Comment:
Field Density - Aggregate Base Course

General
Group: Aggregate
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

Testing Requirements
Sample Comment: See appropriate QC/QA manual for sample frequency. DENSITY: 32 feet in width or less > One per 1000 linear feet. More than 32 feet in width > One per 3000 sq yd.

Test Formats
1. ABC Control Strip Density  -  Version 1
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 3  -  Version 1
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. Test Section Density Test, ABC  -  Version 1
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Field Density - Aggregate Base Course

General
Group: Aggregate  Status: History
How Received: Pay Record  Version: 3.00
Metric/English: Metric  From Date: 06/23/2001
Facility Type: (None)  To Date: 06/23/2001
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A  Responsibility
Alt ID Matching: (None)  Type
Sample/Test: Required  (None)
Approved List: N/A  (None)
Visual Inspection: Optional  (None)
Catalog Cut: N/A  M&T 913 Report (Steel)
Field Inspection: N/A

Small Quantity:  No
Other Reports: M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  900.00  Project Personnel  Project Personnel

Sample Comment: See appropriate QC/QA manual for sample frequency. DENSITY: 9 meters in width or less>one per 300 meters. more than 9 meters in width>one per 2500 sq. meter. IA - One comparative test per 3.2 km pavement lane.

Technician Certifications:

Type  Certification(s)
Sampling  Conventional Density Technician OR QMS Density Gauge Technician

Test Formats

1. ABC Control Strip Density  -  Version 1

   Owning Lab: Soils Lab
   IA Type: None

   Metric/English Code: Metric
   Sample/Test Remarks:

2. Conventional Density Test 3  -  Version 2

   Owning Lab: Soils Lab
   IA Type: None

   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/23/2001  Performed By: twinnington
Check In  Adding for v5
Comment:
## Test Formats

<table>
<thead>
<tr>
<th>Test Section Density Test, ABC - Version 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
</tr>
<tr>
<td><strong>Metric/English Code:</strong> Metric</td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/23/2001  
**Performed By:** twhittington  
**Check In:** Adding for v5  
**Comment:**
Field Density - Aggregate Base Course

General
Group: Aggregate
How Received: Pay Record
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 2.00
From Date: 04/06/2000 To Date: 04/10/2000

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports: M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

Certification: N/A
Responsibility
  Type
  (None)
  (None)
  (None)
  M&T  RE  Both
  M&T  RE  Both
  M&T  RE  Both

Certification: N/A
Responsibility
  Type
  (None)
  (None)
  (None)
  M&T  RE  Both
  M&T  RE  Both
  M&T  RE  Both

Testing Requirements
Sample Comment: See appropriate QC/QA manual for sample frequency. DENSITY: 9 meters in width or less>one per 300 meters. more than 9 meters in width>one per 2500 sq. meter. IA - One comparative test per 3.2 km pavement lane.

Technician Certifications: (None)

Test Formats
1. ABC Control Strip Density - Version 1
   Ownering Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Conventional Density Test 3 - Version 2
   Ownering Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Test Section Density Test, ABC - Version 1
   Ownering Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 04/06/2000 Performed By: Idean
Check In Changed default authorizing lab from Physical to Chemical.
### Field Density - Aggregate Base Course

#### General
- **Group:** Aggregate
- **Status:** History
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:**
- **Other Reports:** M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

#### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. DENSITY: 32 feet in width or less > One per 1000 linear feet. More than 32 feet in width > One per 3000 sq yd.

#### Technician Certifications:
- **Type**
  - Density Other Conventional
  - Density Other Nuclear
  - Sampling

#### Test Formats
1. **ABC Control Strip Density** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Field Density - ABC - English - Changed How Received from Pay Record to Not Received; v6.1 conv - The information from this record has been merged with...
### Test Formats

2. Conventional Density Test 3 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. Test Section Density Test, ABC - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Field Density - Aggregate Base Course

## General
- **Group:** Aggregate
- **Status:** Archive
- **How Received:** Not Received
- **Version:** 5.00
- **Metric/English:** Metric
- **From Date:** 05/14/2004
- **To Date:** 09/22/2006
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** No
- **Other Reports:** M&T 500, 504, or 514N or 515N; ABC Unit Weight Required
- **Certification:** N/A
- **Type:** M&T
- **Responsibility:** RE

## Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 900.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** Project Personnel
- **Sample Comment:** See appropriate QC/QA manual for sample frequency. DENSITY: 9 meters in width or less>one per 300 meters. more than 9 meters in width>one per 2500 sq. meter. IA - One comparative test per 3.2 km pavement lane.

## Technician Certifications:
- **Type**
  - Density Other Conventional: Conventional Density Technician
  - Density Other Nuclear: ABC Nuclear Density Technician
  - Sampling: Conventional Density Technician OR QMS Density Gauge Technician

## Test Formats
1. **ABC Control Strip Density** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Check In:** Field Density - ABC - Metric - Changed How Received
**Comment:** from Pay Record to Not Received;
**Action Date:** 05/14/2004
**Performed By:** kmoodo
Test Formats

2. Conventional Density Test 3 - Version 2
   
   | Owning Lab: | Soils Lab |
   | IA Type:    | None      |
   | Metric/English Code: | Metric |
   | Sample/Test Remarks: | None |

3. Test Section Density Test, ABC - Version 1
   
   | Owning Lab: | Soils Lab |
   | IA Type:    | None      |
   | Metric/English Code: | Metric |
   | Sample/Test Remarks: | None |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/14/2004
Performed By: fmoody

Check In: Field Density - ABC - Metric - Changed How Received; v6.1 conv - The information from this record has been merged with the record of Field Density - ABC.

Comment: from Pay Record to Not Received; v6.1 conv - The information from this record has been merged with the record of Field Density - ABC.
Field Density - Aggregate Base Course

General
Group: Aggregate
How Received: Pay Record
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 4.00
From Date: 06/29/2001 To Date: 06/29/2001

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: □
Other Reports: M&T 500, 504, or 514N or 515N; ABC Unit Weight Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 900.00 Project Personnel Project Personnel

Sample Comment: See appropriate QC/QA manual for sample frequency. DENSITY: 9 meters in width or less>one per 300 meters. more than 9 meters in width>one per 2500 sq. meter. IA - One comparative test per 3.2 km pavement lane.

Technician Certifications:
Type Certification(s)
Sampling Conventional Density Technician OR QMS Density Gauge Technician

Test Formats
1. ABC Control Strip Density - Version 1
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

2. Conventional Density Test 3 - Version 2
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Comment: FIRM Type for version 5.0 conversion.
### Test Formats

<table>
<thead>
<tr>
<th>Test Section Density Test, ABC - Version 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
</tr>
<tr>
<td><strong>Metric/English Code:</strong> Metric</td>
</tr>
<tr>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2001  
**Performed By:** conv

**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
### Field Density - Asphalt Bases & Pavements

#### General
- **Group:** Asphalt
- **Status:** Archive
- **How Received:** Not Received
- **Version:** 1.00
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Asphalt Lab

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Metric/English</th>
<th>From Date:</th>
<th>To Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/14/2004</td>
<td>09/22/2006</td>
<td></td>
</tr>
</tbody>
</table>

**Pretest:** N/A

**Alt ID Matching:** (None)

**Sample/Test:** Required

**Approved List:** N/A

**Visual Inspection:** Optional

**Catalog Cut:** N/A

**Field Inspection:** Required

**Inspection Type(s):** Density Other Conventional & Nuclear

**Small Quantity:**

**Other Reports:** M&T 514N or 515N

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Contractor</td>
<td>Contractor</td>
</tr>
</tbody>
</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Asphalt Cores QA Lab</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QA Roadway</td>
<td>QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Cores QC Roadway</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QA</td>
<td>QMS Density Gauge Technician</td>
</tr>
<tr>
<td>Density Asphalt Nuclear QC Plant</td>
<td>QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician</td>
</tr>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2004  
**Performed By:** fmoody  
**Check In:** Field Density - Asphalt Bases & Pavements - Metric -  
**Comment:** Changed How Received from Pay Record to Not Received.
Field Density - Asphalt Bases & Pavements

General
- **Group**: Asphalt
- **Status**: Archive
- **Version**: 1.00
- **From Date**: 05/14/2004
- **To Date**: 09/22/2006
- **How Received**: Not Received
- **Facility Type**: Asphalt Lab
- **Default Auth Lab**: Asphalt Lab
- **Project Certification**: Critical
- **MSG Responsibility**: Asphalt Lab

Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: Optional
- **Catalog Cut**: N/A
- **Field Inspection**: Required
- **Inspection Type(s)**: Density Other Conventional & Nuclear
- **Certification**: N/A
- **Responsibility**: M&T 913 Report (Steel)

Small Quantity: □
Other Reports: M&T 514N or 515N

Testing Requirements
- **Test Category**: Acceptance
- **Sample Frequency**: 999,999.00
- **Sample Comment**: See appropriate QC/QA manual for sample frequency. See Latest Copy of NC DOT HMA/QMS Manual

Technician Certifications:
- **Type**: Certification(s)
  - Density Asphalt Cores QA Lab: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician
  - Density Asphalt Cores QA Roadway: QMS Roadway Technician
  - Density Asphalt Cores QC Plant: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician
  - Density Asphalt Cores QC Roadway: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician OR Hot In-Place Level I Technician
  - Density Asphalt Nuclear QA: QMS Density Gauge Technician
  - Density Asphalt Nuclear QC Plant: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR Hot In-Place Level I Technician
  - Density Asphalt Nuclear QC Roadway: QMS Level I Plant Technician OR QMS Level II Plant Technician OR Level I Marshall Plant Technician OR Level II Marshall Plant Technician OR QMS Density Gauge Technician OR QMS Roadway Technician
  - Density Other Conventional: Conventional Density Technician
  - Density Other Nuclear: ABC Nuclear Density Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/14/2004
Performed By: fmoody
Check In: Field Density - Asphalt Bases & Pavements - English
Comment: Changed How Received from Pay Record to Not Received.

# Minimum Sampling Guide

## Field Density - Embankment

### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
  - **Inspection Type(s):** Density Other Conventional & Nuclear
- **Small Quantity:**
- **Other Reports:** M&T 500, 504, or 514N or 515N

### Testing Requirements
- **Test Category:** Acceptance
  - **Sample Frequency:** 4,000.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** Project Personnel

  **Sample Comment:** Sample Borrow Pit in accordance with Geotechnical Unit guidelines.

  One per 4000 cubic meters

  IA - One comparative test per 40,000 m3

### Technician Certifications:
- **Type:** Sampling
  - **Certification(s):** Conventional Density Technician

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Field Density - Embankment

General
Group: Soils  Status: History
How Received: Pay Record  Version: 4.00
Metric/English: English  From Date: 06/23/2001  To Date: 06/23/2001
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 500, 504, or 514N or 515N

Certification: N/A
Responsibility
Type

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  5,000.00  Project Personnel  Project Personnel

Sample Comment: Sample Borrow Pit in accordance with Geotechnical Unit guidelines.
One per 5000 cubic yards.
IA - One comparative per test 50,000 yd3.

Technician Certifications:
Type  Certification(s)
Sampling  Conventional Density Technician

Test Formats
1. Conventional Density Test 1 - Version 1
   
   Owner Lab: Soils Lab  
   IA Type: None

2. Conventional Density Test 1-A - Version 1
   
   Owner Lab: Soils Lab  
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Field Density - Embankment

General

<table>
<thead>
<tr>
<th>Field Density</th>
<th>Embankment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group:</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received:</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | Optional |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

Certification:

| Certification: | N/A |
| Responsibility: | M&T 913 Report (Steel) |

Sample/Test Remarks:

None

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
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</table>

Sample Comment:

Sample Borrow Pit in accordance with Geotechnical Unit guidelines. One per 5000 cubic yards. IA - One comparative per test 50,000 yd3.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
Test Formats

2. Conventional Density Test 1-A - Version 1

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Field Density - Embankment

General
Group: Soils
Status: History
From Date: 03/15/2000
To Date: 03/15/2000

How Received: Pay Record
Version: 2.00

Metric/English: Metric
Facility Type: (None)

Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Certification: N/A
Responsibility

Alt ID Matching: (None)
Sample/Test: Required

Approved List: N/A
Visual Inspection: Optional

Catalog Cut: N/A
Field Inspection: N/A

Small Quantity:
Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements
Sample Comment: Sample Borrow Pit in accordance with Geotechnical Unit guidelines.
One per 4000 cubic meters

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:


Owning Lab: Soils Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
## Field Density - Embankment

### General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
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<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest        | N/A                      |
| Alt ID Matching| (None)                   |
| Sample/Test    | Required                 |
| Approved List  | N/A                      |
| Visual Inspection | Optional             |
| Catalog Cut    | N/A                      |
| Field Inspection | N/A                   |
| Small Quantity |                         |
| Other Reports  | M&T 500, 504, or 514N or 515N |

### Certification

<table>
<thead>
<tr>
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<table>
<thead>
<tr>
<th>Type</th>
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</tr>
</thead>
<tbody>
<tr>
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<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:** Sample Borrow Pit in accordance with Geotechnical Unit guidelines. One per 5000 cubic yards.

- **Technician Certifications:** (None)

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones  
**Check In:** In step changes  
**Comment:**
# Field Density - Embankment

## General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
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<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
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## Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
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<tr>
<td>Sample/Test</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>Optional</td>
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<tr>
<td>Catalog Cut</td>
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<td>Field Inspection</td>
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### Certification

<table>
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<tr>
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<td>RE</td>
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<td></td>
<td>Both</td>
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</tbody>
</table>

- M&T 913 Report (Steel)

## Testing Requirements

Sample Comment: Sample Borrow Pit in accordance with Geotechnical Unit guidelines.
- One per 4000 cubic meters
- IA - One comparative test per 40,000 m3

Technician Certifications: (None)

## Test Formats

1. **Conventional Density Test 1** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A** - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000  
Performed By: Idean  
Check In: Changed default authorizing lab from Physical to Chemical.
Field Density - Embankment

General

- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** M&T 500, 504, or 514N or 515N

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>(None)</td>
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</tbody>
</table>

Testing Requirements

- **Sample Comment:** Sample Borrow Pit in accordance with Geotechnical Unit guidelines. One per 5000 cubic yards. IA - One comparative per test 50,000 yd3.

Technician Certifications: (None)

Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  **Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
Field Density - Embankment

General

Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>4,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: Sample Borrow Pit in accordance with Geotechnical Unit guidelines. One per 4000 cubic meters. IA - One comparative test per 40,000 m3

Technician Certifications:

- Type: Density Other Conventional
  Certification(s): Conventional Density Technician

- Type: Density Other Nuclear
  Certification(s): ABC Nuclear Density Technician

- Type: Sampling
  Certification(s): Conventional Density Technician

Test Formats

1. Conventional Density Test 1 - Version 1

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils Lab</td>
<td>Metric</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IA Type:</th>
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</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

2. **Conventional Density Test 1-A**  -  Version 2  
   
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Field Density - Embankment - Metric - Changed How  
**Comment:** Received from Pay Record to Not Received.; v6.1 conv -
Field Density - Embankment

General
Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 5.01
From Date: 05/14/2004
To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports: M&T 500, 504, or 514N or 515N

Certification: N/A
Responsibility
M&T RE Both
(Non) (Non) (Non) M&T RE Both
M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 5,000.00 Project Personnel Project Personnel

Sample Comment: Sample Borrow Pit in accordance with Geotechnical Unit guidelines.
One per 5000 cubic yards.
IA - One comparative per test 50,000 yd3.

Technician Certifications:
Type Certification(s)
Density Other Conventional Conventional Density Technician
Density Other Nuclear ABC Nuclear Density Technician
Sampling Conventional Density Technician

Test Formats
1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Field Density - Embankment - English - Changed How Received from Pay Record to Not Received.; v6.1 conv -
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Conventional Density Test 1-A - Version 1</td>
</tr>
</tbody>
</table>

- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Check In**
- Field Density - Embankment - English - Changed How

**Comment:** Received from Pay Record to Not Received; v6.1 conv -
## Field Density - Embankment

### General
- **Group:** Soils
- **Status:** Archive
- **Version:** 6.00
- **From Date:** 05/14/2004
- **To Date:** 09/22/2006

### Methods of Acceptance
- **Pretest:** (None)
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Inspection Type(s):** Density Other Conventional & Nuclear

### Testing Requirements
- **Acceptance**
  - **Sample Frequency:** 5,000.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** Project Personnel

**Sample Comment:** Sample Borrow Pit in accordance with Geotechnical Unit guidelines. One per 5000 cubic yards. IA - One comparative per test 50,000 yd3.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician</td>
</tr>
</tbody>
</table>

### Test Formats
1. **Conventional Density Test 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2004
**Performed By:** fmooody
**Check In:** Field Density - Embankment - English - Changed How Received from Pay Record to Not Received.; v6.1 conv -
Test Formats

2. Conventional Density Test 1-A - Version 1
   
   **Owning Lab:** Soils Lab
   **IA Type:** None

   **Metric/English Code:** English

   **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/14/2004
**Performed By:** fmoody

**Check In**
Field Density - Embankment - English - Changed How

**Comment:** Received from Pay Record to Not Received; v6.1 conv - The information from the record has been merged with...
## Field Density - Embankment

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
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<td>Facility Type</td>
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<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
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</tbody>
</table>

### Methods of Acceptance

| Pretest                | N/A                                        |
| Alt ID Matching        | (None)                                     |
| Sample/Test            | Required                                   |
| Approved List          | N/A                                        |
| Visual Inspection      | Optional                                   |
| Catalog Cut            | N/A                                        |
| Field Inspection       | N/A                                        |
| Small Quantity         | ☐                                          |
| Other Reports          | M&T 500, 504, or 514N or 515N              |

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: Sample Borrow Pit in accordance with Geotechnical Unit guidelines. One per 4000 cubic meters IA - One comparative test per 40,000 m3

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician</td>
</tr>
</tbody>
</table>

### Test Formats

1. Conventional Density Test 1 - Version 1

   | Owning Lab: Soils Lab           |
   | IA Type: None                   |
   | Metric/English Code: Metric     |

   Sample/Test Remarks:


   | Owning Lab: Soils Lab           |
   | IA Type: None                   |
   | Metric/English Code: Metric     |

   Sample/Test Remarks:

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/23/2001  
Performed By: twhittington

Check In: Adding for v5  
Comment:  

# Field Density - Embankment

## General

<table>
<thead>
<tr>
<th>Group</th>
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<th>Version</th>
<th>From Date</th>
<th>To Date</th>
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</thead>
<tbody>
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<td>05/14/2004</td>
<td>09/22/2006</td>
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<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Default Auth Lab</th>
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<th>MSG Responsibility</th>
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<tbody>
<tr>
<td>(None)</td>
<td>Central GeoMaterials Lab</td>
<td>Critical</td>
<td>Soils Lab</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English</th>
<th>Metric</th>
<th>From Date: 05/14/2004</th>
<th>To Date: 09/22/2006</th>
</tr>
</thead>
</table>

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Density Other Conventional & Nuclear

<table>
<thead>
<tr>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M&amp;T 500, 504, or 514N or 515N</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>4,000.00</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:** Sample Borrow Pit in accordance with Geotechnical Unit guidelines. One per 4000 cubic meters. IA - One comparative test per 40,000 m³

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Conventional Density Test 1 - Version 1**

   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats


Owning Lab: Soils Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/14/2004
Performed By: fmoody

Check In: Field Density - Embankment - Metric - Changed How
Comment: Received from Pay Record to Not Received.; v6.1 conv -
Field Density - Subgrade

General
Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Critical
Project Certification: Central GeoMaterials Lab
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Sample/Test Remarks: M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 2,000.00 | Project Personnel | Project Personnel

Sample Comment: IA - One comparative test per 3.2 km of pavement lane.

Technician Certifications:
Type: Sampling
Certification(s): Conventional Density Technician

Test Formats
1. Conventional Density Test 1 - Version 1
   Owner Lab: Soils Lab
   Metric/English Code: Metric
   IA Type: None
   Sample/Test Remarks:

   Owner Lab: Soils Lab
   Metric/English Code: Metric
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/14/2004
Check In: Field Density - Subgrade - Metric - Changed How
Performed By: fmoody
Comment: Received from Pay Record to Not Received.
**Field Density - Subgrade**

**General**
- **Group:** Soils
- **Status:** History
- **Version:** 5.00
- **From Date:** 06/29/2001  
  **To Date:** 06/29/2001
- **How Received:** Pay Record
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Testing Requirements**
- **Test Category:** Acceptance
- **Sample Frequency:** 2,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** Project Personnel

**Sample Comment:** IA - One comparative test per 3.2 km of pavement lane.

**Technician Certifications:**
- **Type:** Sampling
- **Certification(s):** Conventional Density Technician

**Test Formats**
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2001  
**Performed By:** conv
**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
**Comment:** F11 Type for version 5.0 conversion.
## Field Density - Subgrade

### General
- **Group:** Soils  
- **How Received:** Pay Record  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Soils Lab  

### Methods of Acceptance

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<tr>
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<table>
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<th>Responsibility</th>
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<tbody>
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<td></td>
</tr>
</tbody>
</table>

- **Certification:** N/A  
- **Responsibility:** None

### Testing Requirements
- **Sample Comment:** IA - One comparative test per 3.2 km of pavement lane.
- **Technician Certifications:** (None)

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
### Field Density - Subgrade

#### General
- **Group:** Soils  
- **How Received:** Pay Record  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** M&T 500, 504, or 514N or 515N

#### Testing Requirements
- **Test Category**  
  - **Sample Frequency:** 2,000.00  
  - **Sampling Responsibility:** Project Personnel  
  - **Testing Responsibility:** Project Personnel  

### Sample Comment:
IA - One comparative test per 3.2 km of pavement lane.

#### Technician Certifications:
- **Type:** Sampling  
- **Certification(s):** Conventional Density Technician

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Field Density - Subgrade

General
Group: Soils
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: History
Version: 5.00
From Date: 06/29/2001 To Date: 06/29/2001

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Responsibility
Type
(None)
(None)
(None)
M&T RE Both
M&T RE Both
M&T RE Both

Inspection Type(s): Density Other Conventional

Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,500.00 Project Personnel Project Personnel

Sample Comment: IA - One comparative test per a 2 mile pavement lane.

Technician Certifications:

Type Certification(s)
Sampling Conventional Density Technician

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
# Minimum Sampling Guide

## Field Density - Subgrade

### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** M&T 500, 504, or 514N or 515N

### Testing Requirements
- **Technician Certifications:** (None)

### Test Formats
1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None

   - **Owning Lab:** Soils Lab
   - **IA Type:** None

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date: 03/15/2000
### Performed By: thjones
### Check In: In step changes
### Comment:
## Field Density - Subgrade

### General
- **Group:** Soils
- **Status:** Archive
- **How Received:** Not Received
- **Version:** 7.00
- **Metric/English:** English
- **From Date:** 03/15/2005
- **To Date:** 09/22/2006
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Density Other Conventional & Nuclear

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
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</table>

**Sample Comment:** IA - One comparative test per a 2 mile pavement lane.

### Technician Certifications:
- **Type:**
  - Density Other Conventional: Conventional Density Technician
  - Density Other Nuclear: ABC Nuclear Density Technician
  - Sampling: Conventional Density Technician

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Field Density - Subgrade

General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** M&T 500, 504, or 514N or 515N

Testing Requirements
- **Technician Certifications:** (None)

Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
Field Density - Subgrade

General
Group: Soils
Status: History
Version: 6.01
From Date: 03/15/2005
To Date: 09/23/2006

How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: ☐
Other Reports: M&T 500, 504, or 514N or 515N

Certification: N/A
Type
(None)
(None)
(None)
Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ ☐ ☐

☐ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,500.00 Project Personnel
Sample Comment: IA - One comparative test per a 2 mile pavement lane.

Technician Certifications:
Type Certification(s)
Density Other Conventional Conventional Density Technician
Density Other Nuclear ABC Nuclear Density Technician
Sampling Conventional Density Technician

Test Formats
1. Conventional Density Test 1 - Version 1
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Field Density - Subgrade - English -Changed FIR Type to
Comment: Density Other Conventional & Nuclear.; v6.1 conv - The
Information from this record has been merged with...
### Field Density - Subgrade

#### General
- **Group:** Soils
- **Status:** History
- **From Date:** 03/15/2005
- **To Date:** 09/23/2006
- **Version:** 6.01

#### Methods of Acceptance

<table>
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<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
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<td>N/A</td>
<td>Required</td>
<td>Yes</td>
<td>M&amp;T 500, 504, or 514N or 515N</td>
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#### Testing Requirements

- **Test Category:** Acceptance
- **Sample Frequency:** 2,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** Project Personnel

**Sample Comment:** IA - One comparative test per 3.2 km of pavement lane.

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
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<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician</td>
</tr>
</tbody>
</table>

#### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Field Density - Subgrade - Metric-Changed FIR Type to Certification(s) Type Other Nuclear  
**Comment:** Density Other Conventional & Nuclear; v6.1 conv - The information from this record has been merged with another record.
Field Density - Subgrade

General

| Group: Soils | Status: History |
| How Received: Not Received | Version: 6.00 |
| Metric/English: English | From Date: 05/14/2004 |
| Facility Type: (None) | To Date: 05/14/2004 |
| Default Auth Lab: Central GeoMaterials Lab |  |
| Project Certification: Critical |  |
| MSG Responsibility: Soils Lab |  |

Methods of Acceptance

| Pretest: N/A | Certification: N/A |
| Alt ID Matching: (None) | Responsibility |
| Sample/Test: Required | M&T ○ RE ○ Both |
| Approved List: N/A | (None) |
| Visual Inspection: Optional | M&T ○ RE ○ Both |
| Catalog Cut: N/A | (None) |
| Field Inspection: Required | M&T ○ RE ○ Both |

Sample/Test Remarks: M&T 913 Report (Steel)

IA Type(s): Density Other Conventional

Small Quantity:  □

Other Reports: M&T 500, 504, or 514N or 515N

Testing Requirements

<table>
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<th>Test Category</th>
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<th>Sampling Responsibility</th>
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<tbody>
<tr>
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<td>Project Personnel</td>
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Sample Comment: IA - One comparative test per a 2 mile pavement lane.

Technician Certifications:

<table>
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<td>Sampling</td>
<td>Conventional Density Technician</td>
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</table>

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   
   Owner Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/14/2004
Performed By: fmood

Check In: Field Density - Subgrade - English - Changed How
Comment: Received from Pay Record to Not Received.
## Field Density - Subgrade

### General
- **Group:** Soils  
- **Status:** Archive  
- **How Received:** Not Received  
- **Version:** 7.00  
- **Metric/English:** Metric  
- **From Date:** 03/15/2005  
- **To Date:** 09/22/2006  
- **Facility Type:** (None)  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance

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<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>Optional</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>Required <strong>Inspection Type(s):</strong> Density Other Conventional &amp; Nuclear</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 500, 504, or 514N or 515N</td>
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### Testing Requirements

- **Test Category:** Acceptance  
- **Sample Frequency:** 2,000.00  
- **Sampling Responsibility:** Project Personnel  
- **Testing Responsibility:** Project Personnel  

**Sample Comment:** IA - One comparative test per 3.2 km of pavement lane.

### Technician Certifications:

- **Type**  
  - Density Other Conventional  
  - Density Other Nuclear  
  - Sampling

- **Certification(s):**  
  - Conventional Density Technician  
  - ABC Nuclear Density Technician  
  - Conventional Density Technician

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2005  
**Performed By:** fmood

**Check In:** Field Density - Subgrade - Metric-Changed FIR Type to  
**Comment:** Density Other Conventional & Nuclear; v6.1 conv - The
Field Density - Subgrade

**General**
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** M&T 500, 504, or 514N or 515N

**Testing Requirements**
- **Sample Comment:** IA - One comparative test per a 2 mile pavement lane.
- **Technician Certifications:** (None)

**Test Formats**
1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Conventional Density Test 1-A - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
### Field Density - Subgrade

#### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
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<th>Other Reports</th>
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<td>Optional</td>
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<td>N/A</td>
<td></td>
<td>M&amp;T 500, 504, or 514N or 515N</td>
</tr>
</tbody>
</table>

#### Certification
- **Type:** N/A
- **Responsibility:** N/A
  - M&T
  - RE
  - Both

#### Certification(s)
- **Type:** Sampling
- **Certification:** Conventional Density Technician

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per a 2 mile pavement lane.

**Technician Certifications:**
- **Type:** Sampling
- **Certification(s):** Conventional Density Technician

#### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/23/2001
**Performed By:** twhittington
**Check In:** Adding for v5
**Comment:**

---

**Additional Information:**
- **From Date:** 06/23/2001
- **To Date:** 06/23/2001
- **Version:** 4.00
- **Status:** History
- **Metrics:** English
- **Groups:** Soils
Fill or Remove Abandoned Pipe

**General**

- **Group:** Soils
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
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**Sample Comment:** Sample frequency will depend on material being used. See appropriate materials for frequency. Specification reference is Section 1530.

**Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** fmoodly

**Check In** Fill or Remove Abandoned Pipe - English - Changed How  
**Comment:** Received to Not Received & Frequency to Acceptance,
Fill or Remove Abandoned Pipe

General

Group: Soils
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Archive
Version: 1.00
From Date: 01/01/1999
To Date: 06/18/2012

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 Project Personnel Project Personnel

Sample Comment: Sample frequency will depend on material being used. See appropriate materials for frequency. Specification reference is Section 1530.

Technician Certifications: (None)

Action Date: 01/01/1999
Performed By: fmoody
Check In: Fill or Remove Abandoned Pipe - Metric - Changed How
Comment: Received to Not Received & Frequency to Acceptance, 99,999,999.999 Project Personnel Responsible and Perform By: fmoody Action Date: 01/01/1999
Fine Aggregate - Gradation Check

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Aggregate</th>
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<tbody>
<tr>
<td>How Received</td>
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<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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Status: History
Version: 1.00
From Date: 10/27/1997
To Date: 12/11/1999

Methods of Acceptance

<table>
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<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

Certification: N/A

Responsibility

- (None)
- (None)
- (None)

☑ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: one 35lb bag per source if less than 500 tons; two 35 lb bags if more than 500 tons

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/27/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Fine Aggregate - Gradation Check

### General

<table>
<thead>
<tr>
<th>Group</th>
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<th>Status</th>
<th>History</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>08/26/1997</td>
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<tr>
<td>Facility Type</td>
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<td>To Date</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

| Sample Comment    | one 35lb bag per source if less than 500 tons; two 35 lb bags if more than 500 tons |
| Technician Certifications | (None) |

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/26/1997  
**Performed By:** rpace  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Fine Aggregate for Asphalt

General

Group: Aggregate
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: N/A
Type

Responsibility

☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/08/1997
Performed By: tw witlington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Fine Aggregate for Asphalt

General

Group: Aggregate
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Pay Adj Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
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<tr>
<td>(None)</td>
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</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Fine Aggregate - Version 6
   
   Owning Lab: Soils Lab
   
   IA Type: None
   
   Metric/English Code: Both
   
   Sample/Test Remarks:

2. IA Aggregate Program - Version 3
   
   Owning Lab: Soils Lab
   
   IA Type: Aggregate Program
   
   Metric/English Code: Both
   
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Fine Aggregate for Concrete

General

Group: Aggregate
How Received: Material Receipt
Metric/English: Metric
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 07/02/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Pay Adj Required

Certification: N/A
Type
(None)
(None)
(None)

Responsibility
☐ M&T
☐ RE
☐ Both
☐ M&T
☐ RE
☐ Both
☐ M&T
☐ RE
☐ Both
☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: One - 20 kg sample per 8000 cubic meters.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/02/1997
Performed By: twiltington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Fine Aggregate for Concrete

General

Group: Aggregate
How Received: Material Receipt
Metric/English: English
Facility Type: Fine Aggregate
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Pay Adj Required

Testing Requirements

Sample Comment: One - 35 lb sample per 1000 CY.
Technician Certifications: (None)

Test Formats

1. Fine Aggregate - Version 6
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both

2. Fine Aggregate Test Yearly - Version 8
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both

3. IA Aggregate Program - Version 3
   
   Owning Lab: Soils Lab
   IA Type: Aggregate Program
   Metric/English Code: Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/02/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Fine Aggregate for Masonry

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
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<td>Metric/English</td>
<td>Metric</td>
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<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
</tbody>
</table>

**Other Reports:** Sand must meet the same requirements as sand used in concrete, except the gradation requirement will be different.; Pay Adj Required

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>

| □ M&T 913 Report (Steel) |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>One 10 lb sample per project if not coming from an approved source.</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
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---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/04/1997  
**Performed By:** rpace  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Fine Aggregate for Masonry

### General
- **Status:** History
- **Version:** 1.00
- **From Date:** 08/04/1997  
  **To Date:** 12/11/1999

#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

#### Small Quantity:
- [ ]

#### Other Reports:
- Sand must meet the same requirements as sand used in concrete, except the gradation requirement will be different.;Pay Adj Required

### Testing Requirements

#### Sample Comment:
- One 10 lb sample per project if not coming from an approved source.

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Fine Aggregate for Subdrain

## General

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
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<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
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<td>Metric</td>
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<td>Facility Type</td>
<td>Fine Aggregate</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
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## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
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<tbody>
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<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Pay Adj Required</td>
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## Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
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<tbody>
<tr>
<td>Sample Comment</td>
<td>One - 20 kg sample per 8000 cubic meters.</td>
</tr>
<tr>
<td>Technician Certifications</td>
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</tbody>
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---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 05/16/1997  
Performed By: twhillington  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db*
# Minimum Sampling Guide

## Fine Aggregate for Subdrain

**General**
- **Group:** Aggregate
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Fine Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

<table>
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<th>Method</th>
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<td>(None)</td>
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</tr>
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<td>(None)</td>
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<tr>
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<td>M&amp;T 913 Report (Steel)</td>
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**From Date:** 05/16/1997  **To Date:** 12/11/1999

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Pay Adj Required

**Testing Requirements**
- **Sample Comment:** One - 35 lb sample per 1000 CY.
- **Technician Certifications:** (None)

**Test Formats**
1. Fine Aggregate Test Yearly - Version 8
   - **Owning Lab:** Soils Lab
   - **IA Type:** None

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/16/1997  **Performed By:** twhillington
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Flowable Fill

General

<table>
<thead>
<tr>
<th>Group: Concrete</th>
<th>How Received: Material Receipt</th>
<th>Facility Type: Ready-Mix Concrete</th>
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<tbody>
<tr>
<td>Status: Current</td>
<td>Metric/English: English</td>
<td>From Date: 01/01/1999 To Date: 12/31/2075</td>
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<tr>
<td>Version: 3.02</td>
<td>From Date: 01/01/1999 To Date: 12/31/2075</td>
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Methods of Acceptance

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<tbody>
<tr>
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</tr>
<tr>
<td>Responsibility (None)</td>
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</tr>
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</table>

| Responsibility (None) |
| M&T | RE | Both |

| Responsibility (None) |
| M&T | RE | Both |

| Responsibility (None) |
| M&T | RE | Both |

| Certification: N/A |
| M&T 913 Report (Steel) |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One set of cylinders per 100 cubic yards. Indicate excavatable or nonexcavatable on the sample card.

Technician Certifications: (None)

Test Formats

1. Flowable Fill Test - Version 6

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
# Flowable Fill

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>Version</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>Current</td>
<td>3.01</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Metric/English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ready-Mix Concrete</td>
<td>Metric</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Default Auth Lab</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Lab</td>
<td>Metric</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Certification</th>
<th>MSG Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>(None)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MSG Responsibility</th>
<th>Default Auth Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Lab</td>
<td>Metric</td>
</tr>
</tbody>
</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Certification Type</th>
<th>Responsibility Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspections</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>80.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample Comment</th>
<th>Technician Certifications</th>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>One set of cylinders per 80 cubic meters</td>
<td>(None)</td>
<td>1. Flowable Fill Test (Metric) - Version 1</td>
</tr>
</tbody>
</table>

**Owning Lab:** Physical Lab

**IA Type:** None

**Metric/English Code:** Metric

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2010  
**Performed By:** rpace

**Check In:** changed to 80 cubic meters

**Comment:**
### Flowable Fill

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Not Received</td>
<td>Version</td>
<td>3.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td>Pretest</td>
<td>(None)</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td>Sample/Test</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

**Certification**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One set of cylinders per 100 yards

**Technician Certifications:** (None)

**Test Formats**

1. Flowable Fill Test - Version 6

   **Owning Lab:** Physical Lab
   **IA Type:** None

   **Metric/English Code:** English

   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2010

**Performed By:** rpace

**Check In:**

**Comment:** changed to match 100 yds each
# Minimum Sampling Guide

## Flowable Fill

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>8.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One set of cylinders per pour

**Technician Certifications:** (None)

### Test Formats

1. Flowable Fill Test (Metric) - Version 1

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Physical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
</tbody>
</table>

**Metric/English Code:** Metric

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Flowable Fill (Metric) - Changed How Received to Not Received and Project Certification to Minor.

**Comment:** Received and Project Certification to Minor.
### Flowable Fill

#### General

- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Ready-Mix Concrete  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Physical Lab  

#### Status:

- **Version:** 2.00  
- **From Date:** 06/28/2001  
- **To Date:** 06/30/2001  
- **History**

#### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required

#### Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>N/A</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>N/A</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

#### Testing Requirements

- **Test Category:** Verification  
- **Sample Frequency:** 8.00  
- **Sampling Responsibility:** Project Personnel  
- **Testing Responsibility:** M&T Lab  
- **Sample Comment:** One set of cylinders per pour  
- **Technician Certifications:** (None)

#### Test Formats

1. **Flowable Fill Test (Metric) - Version 1**

   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/28/2001  
**Performed By:** v5conv  
**Check In:** V5.0 MSG Updates per RPace  
**Comment:**
Flowable Fill

General

Group: Concrete
How Received: Not Received
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 07/17/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: N/A
Responsibility

<table>
<thead>
<tr>
<th>Type</th>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- ☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: One set of cylinders per pour
Technician Certifications: (None)

Test Formats

1. Flowable Fill Test (Metric) - Version 1
   
   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/17/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
North Carolina Department of Transportation
Minimum Sampling Guide

**Flowable Fill**

**General**

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest:     | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ✓ Prepayment Invoice Required |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>10.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- One set of cylinders per pour

**Technician Certifications:** (None)

**Test Formats**

1. Flowable Fill Test - Version 6

   **Owning Lab:** Physical Lab
   **IA Type:** None

   **Metric/English Code:** English
   **Sample/Test Remarks:**

---

**Comment:**

- Flowable Fill (English) - Changed How Received to Not Received and Project Certification to Minor.

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** fmoody
Flowable Fill

General

Group: Concrete
How Received: Not Received
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 07/17/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment: One set of cylinders per pour
Technician Certifications: (None)

Test Formats

1. Flowable Fill Test - Version 6
   
   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/17/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Flowable Fill

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Ready-Mix Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Category</td>
<td>Verification, Flowable Fill Test (Metric)</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>8.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Sample Comment</td>
<td>One set of cylinders per pour</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Flowable Fill Test (Metric) - Version 1**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Metric</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Flowable Fill

**General**

- **Group:** Concrete
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Certification**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>□ M&amp;T □ RE □ Both</td>
</tr>
<tr>
<td></td>
<td>(None)</td>
<td>□ M&amp;T □ RE □ Both</td>
</tr>
<tr>
<td></td>
<td>(None)</td>
<td>□ M&amp;T □ RE □ Both</td>
</tr>
</tbody>
</table>

- □ M&T 913 Report (Steel)

**Testing Requirements**

- **Test Category:** Acceptance
- **Sample Frequency:** 10.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

**Sample Comment:** One set of cylinders per pour

**Technician Certifications:** (None)

**Test Formats**

1. Flowable Fill Test - Version 6

**Owning Lab:** Physical Lab

**IA Type:** None

**Metric/English Code:** English

**Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Flowable Fill (English) - Changed How Received to Not Received

Comment: Received and Project Certification to Minor.
Flowable Fill

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Ready-Mix Concrete

Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category Acceptance
Sample Frequency: 10.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: One set of cylinders per pour
Technician Certifications: (None)

Test Formats
1. Flowable Fill Test - Version 6

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001
Performed By: v5conv
Check In: V5.0 MSG Updates per RPace.
Comment:
Flowable Fill

General

Group: Concrete
How Received: Not Received
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Correcting
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 80.00 Project Personnel M&T Lab

Sample Comment: One set of cylinders per 80 cubic meters. Indicate excavatable or nonexcavatable on the card.

Technician Certifications: (None)

Test Formats

1. Flowable Fill Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
### Galvanized Fastener Inspection - Bolts, Hexnuts, Washers

**General**
- **Group:** Steel
- **Status:** Expired
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

**From Date:** 01/01/1999  **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Pay Adj Required

**Certification:** N/A

<table>
<thead>
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<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>(None)</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  ○ RE ○ Both</td>
</tr>
<tr>
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- **M&T 913 Report (Steel)**

**Testing Requirements**

<table>
<thead>
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<th>Test Category</th>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T Lab</td>
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**Sample Comment:**

- **Technician Certifications:** (None)

**Test Formats**

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Galvanized Fastener Inspection - Bolts, Hexnuts, Washers

General
Group: Steel
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Current
Version: 1.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 M&T Field M&T Lab

Sample Comment:
Technician Certifications: (None)

Test Formats
1. Galvanized Metals - Version 6
   
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Galvanized Fastener Inspection - Bolts, Hexnuts, Washers

General

Group: Steel
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements

<table>
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<th>Test Category</th>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
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<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Galvanized Reinforcing Steel

General
- Group: Steel
- Status: Expired
- How Received: Material Receipt
- Version: 1.00
- Metric/English: English
- From Date: 08/25/2009
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity:  
- Other Reports:

Testing Requirements
- Test Category: Verification
- Sample Frequency: 10,000.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Field

Sample Comment:
- Technician Certifications: (None)

Certification: Required
Type: 3: Manufacturer's Certification
Responsibility:
- M&T
- RE
- Both
- (None)

Action Date: 08/25/2009
Performed By: rpace
Check In: new material
Comment:
Galvanized Reinforcing Steel

General

Group: Steel  
How Received: Material Receipt  
Metric/English: English  
Facility Type: (None)  
Default Auth Lab: Structural Members - Steel  
Project Certification: Critical  
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: Optional  
Approved List: N/A  
Visual Inspection: Required  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  
Other Reports: Certification From Galvanizer

Testing Requirements

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<th>Testing Responsibility</th>
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Sample Comment:  

Technical Certifications: (None)

Certification:  

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<thead>
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<th>Responsibility</th>
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<td>3: Manufacturer's Certification</td>
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</tr>
<tr>
<td>Other</td>
<td>M&amp;T RE Both</td>
</tr>
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</table>

M&T 913 Report (Steel)

Action Date: 08/25/2009  
Performed By: rpace  
Check In: NEW MSG 2013

Comment:
## Geosynthetics

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Status:
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must have one of the above types certs. Article 106-3

### Testing Requirements
- **Test Category:** Engineering
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

### Sample Comment:
See Certification Requirements,

### Technician Certifications:
(None)

### Test Formats
1. Field Section Miscellaneous Test - Version 3

### Certification:
- **Required Type**
  - 1: Certified Mill Test Report
  - 2: Typical Certified Mill Test Report
  - 4: Certified Test Reports

### Responsibilities
- M&T
- RE
- Both

### Sample/Test Remarks:
- **Metric/English Code:** Both

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW MSG
**Comment:**
Glass Beads for Paint

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Other Reports: Independent Lab Tests Results. See 1087-7 for tests required and certifications.

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Pretest | 45,000.00 | Project Personnel | M&T Lab

Sample Comment: One quart plastic container filled from split samples.

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
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<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T</td>
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</tbody>
</table>

Other Reports: Independent Lab Tests Results. See 1087-7 for tests required and certifications.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: changes glass beads from pretest required to N/a - rkp
Comment:
## Glass Beads for Paint

### General
- **Group:** Traffic Control
- **Status:** Current
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐

#### Certification:
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - M&T
    - RE
    - Both
  - 4: Certified Test Reports
    - M&T
    - RE
    - Both
  - (None)

#### M&T 913 Report (Steel)

### Testing Requirements

#### Test Category
<table>
<thead>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>45,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One quart plastic container filled from split samples.

**Technician Certifications:** (None)

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
## Glass Beads for Paint

### General

<table>
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<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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<td>Status</td>
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<tr>
<td>Version</td>
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<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
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### Methods of Acceptance

<table>
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<th>Field</th>
<th>Value</th>
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<td>Approved List</td>
<td>N/A</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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**Certification**: Required

<table>
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<tr>
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<tr>
<td>4: Certified Test Reports (None)</td>
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- [ ] M&T 913 Report (Steel)

### Testing Requirements

<table>
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<th>Test Category</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment**: One liter plastic container filled from split samples.

**Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 01/01/1999

**Performed By**: rpace

**Check In**: changes glass beads from pretest required to N/a - rkp

**Comment:**
## Glass Beads for Paint

### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Pay Adj Required
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification

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<th>Type</th>
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<td>M&amp;T RE Both</td>
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- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/25/1997

**Performed By:** dgreene

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
# Glass Beads for Paint

## General
- **Group:** Traffic Control
- **Status:** History
- **Version:** 1.01
- **From Date:** 06/27/2005
- **To Date:** 09/23/2006

- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

## Methods of Acceptance

<table>
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<tbody>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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**Testing Requirements**

<table>
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<tr>
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<tbody>
<tr>
<td>Pretest</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One liter plastic container filled from split samples.

**Technician Certifications:** (None)

## Certification

- **Type:** Required
- **Responsibility**:
  - 3: Manufacturer's Certification
    - M&T
  - 4: Certified Test Reports
    - M&T

- M&T 913 Report (Steel)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv
**Check In:** changes glass beads from pretest required to N/a - rkp
**Comment:**

---

**Other Reports:** Independent Lab Tests Results. See 1087-7 for tests required and certifications.
Glass Beads for Paint

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 1.01
From Date: 06/27/2005 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: Independent Lab Tests Results. See 1087-7 for tests required and certifications.

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 45,000.00 | Project Personnel | M&T Lab

Sample Comment: One quart plastic container filled from split samples.

Certification: Required
Type
3: Manufacturer's Certification
4: Certified Test Reports
(Non)
M&T 913 Report (Steel)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: changes glass beads from pretest required to N/a - rkp
Comment:
### Glass Beads for Paint

#### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Pay Adj Required

#### Certification
- **Type:** Required
- **Responsibility**
  - 3: Manufacturer's Certification
    - (None)
    - (None)
    - M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/1997
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Glass Fiber Reinforced Polymer Concrete Reinforcement Bars

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Status: History
Version: 1.01
From Date: 01/31/2005 To Date: 09/23/2006

Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: Required
Type
4: Certified Test Reports
(Required)

Responsibility
M&T ○ RE ○ Both
M&T ○ RE ○ Both
M&T ○ RE ○ Both

☐ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 5,000.00 Project Personnel M&T Lab

Sample Comment: Two - 30 inch samples, each size bar, each shipment

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Glass Fiber Reinforced Polymer Concrete Reinforcement Bars

**General**

- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
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**Sampling Requirements**

<table>
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<th>Test Category</th>
<th>Sample Frequency</th>
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<tbody>
<tr>
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<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Two - 30 inch samples, each size bar, each shipment

**Technician Certifications:** (None)

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  RE  Both</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Glass Fiber Reinforced Polymer Concrete Reinforcement Bars

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 01/31/2005 To Date: 01/31/2005

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Certification: Required

Type
Responsibility
4: Certified Test Reports
(Required)
M&T RE Both
(Required)
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,000.00 Project Personnel M&T Lab

Sample Comment:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/31/2005
Performed By: dgreene
Check In: Experimental Material
Comment:
Grate, Steel

General

Group: Steel  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Both  From Date: 10/15/1997
Facility Type: (None)  To Date: 12/11/1999
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type
Sample/Test: Optional  Responsibility
Approved List: N/A  1: Certified Mill Test Report
Visual Inspection: N/A  ○ M&T ○ RE ○ Both
Catalog Cut: N/A  ○ M&T ○ RE ○ Both
Field Inspection: N/A  ○ M&T ○ RE ○ Both
Small Quantity:  □ M&T 913 Report (Steel)

Other Reports: Tag numbers required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Structural Steel Test - Version 3
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Grates, Steel

General
Group: Steel  Status: Expired  Version: 6.01
How Received: Material Receipt  From Date: 01/01/1999  To Date: 12/31/2075
Metric/English: Both  Version: 6.01
Facility Type: (None)  From Date: 01/01/1999
Default Auth Lab: Physical Lab  To Date: 12/31/2075
Project Certification: Critical  MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required  Certification: Optional
Alt ID Matching: No Match, Alt ID Required  Type
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Responsibility

<table>
<thead>
<tr>
<th>Certification:</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>2: RE</td>
<td>RE</td>
<td>RE</td>
</tr>
<tr>
<td>3: Both</td>
<td>Both</td>
<td>Both</td>
</tr>
</tbody>
</table>

Sample/Test Remarks: M&T 913 Report (Steel)

<table>
<thead>
<tr>
<th>IA Type:</th>
<th>Owning Lab:</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric/English Code: English</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  500.00  M&T Lab  M&T Lab
Sample Comment: Pre-inspected
Technician Certifications: (None)

Test Formats
1. Galvanized Metals - Version 6
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Structural Steel Test - Version 3
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/19/2007  Performed By: rpace
Check In: Added Structural Steel test format
Comment: Added Structural Steel test format
Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/19/2007
Performed By: rpace
Check In: Added Structural Steel test format
Comment:
Grates, Steel

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 6.03
From Date: 01/01/1999  To Date: 12/31/2075

Critical Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel

Small Quantity:  
Other Reports: Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Test Category                Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest                      500.00          M&T Lab                 M&T Lab

Sample Comment: Pre-inspected
Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Structural Steel Test - Version 3
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Per request of David Greene to allow sampling by LOT.
Comment:
Grates, Steel

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 5.01
From Date: 09/24/2002
To Date: 09/23/2006

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: No Match, Alt ID Required

Other Reports: Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 500.00 | M&T Lab | M&T Lab

Sample Comment: Pre-inspected
Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Galvanized Metals (Metric) - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

3. Structural Steel Test - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In
Comment: Per request of David Greene to allow sampling by LOT.
# Minimum Sampling Guide

**Grates, Steel**

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

## Status

- **Status:** Expired
- **Version:** 6.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match, Alt ID Required</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

### Certification

- **Certification:** Optional
- **Type:**
  - 1: Certified Mill Test Report
  - (None)

### Responsibility

- M&T
- RE
- Both

### Sample/Test Remarks

- **M&T 913 Report (Steel)**

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>500.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment

- Pre-inspected

### Technician Certifications

- (None)

## Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Structural Steel Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Per request of David Greene to allow sampling by LOT.

**Comment:**

---
Check In
Comment:
Per request of David Greene to allow sampling by LOT.

Action Date: 01/01/1999
Performed By: fmoody
Grates, Steel

General
Group: Steel  Status: History
How Received: Material Receipt  Version: 5.00
Metric/English: Both  From Date: 09/24/2002  To Date: 09/24/2002
Facility Type: (None)  Project Certification: Critical
Default Auth Lab: Physical Lab  MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required  Certification: Optional
Alt ID Matching: No Match, Alt ID Required  Type
Sample/Test: N/A  Responsibility
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel
Small Quantity:  Other Reports: Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest 1.00 M&T Lab  M&T Lab
Sample Comment: Pre-inspected
Technician Certifications: (None)

Test Formats
1. Galvanized Metals - Version 6  Metric/English Code: English
   Owning Lab: Chemical Lab  Sample/Test Remarks:
   IA Type: None

2. Galvanized Metals (Metric) - Version 5  Metric/English Code: Metric
   Owning Lab: Chemical Lab  Sample/Test Remarks:
   IA Type: None

3. Structural Steel Test - Version 3  Metric/English Code: English
   Owning Lab: Physical Lab  Sample/Test Remarks:
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/04/2002  Performed By: dgreene
Check In  Comment: change to alt id - no match
Grates, Steel

General

Group: Steel  Status: History
How Received: Material Receipt
Metric/English: Both  Version: 4.00
Facility Type: (None)  From Date: 09/04/2002
Default Auth Lab: Physical Lab  To Date: 09/04/2002
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match, Alt ID Required</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>No</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Shop Drawing Required; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report (None)</td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-inspected

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Structural Steel Test - Version 3
   
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Grates, Steel

#### General
- **Group:** Steel  
- **Status:** History  
- **Version:** 3.00  
- **From Date:** 10/05/2000  
- **To Date:** 10/05/2000

- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest: Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching: No Match</td>
</tr>
<tr>
<td>Sample/Test: N/A</td>
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<td>Approved List: N/A</td>
</tr>
<tr>
<td>Visual Inspection: N/A</td>
</tr>
<tr>
<td>Catalog Cut: N/A</td>
</tr>
<tr>
<td>Field Inspection: N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
</tr>
</tbody>
</table>

- **Other Reports:** Shop Drawing Required; Prepayment Invoice Required

#### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Responsibility</td>
</tr>
<tr>
<td>1: Certified Mill Test Report</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

#### Testing Requirements

- **Sample Comment:** Pre-inspected
- **Technician Certifications:** (None)

#### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

3. **Structural Steel Test - Version 3**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/05/2000  
**Performed By:** dgreene  
**Check In** Tag Numbers are NOT required for steel grates and frames.  
**Comment:**
**Grates, Steel**

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Both
- **From Date:** 03/23/2000
- **To Date:** 03/23/2000
- **Default Auth Lab:** Physical Lab
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>Match Alt ID/Match from Sample</td>
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<tr>
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<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Tag numbers required; Shop Drawing Required; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Certification

- **Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both
  - (None)

### Methods of Acceptance

- **M&T 913 Report (Steel)**

### Testing Requirements

**Sample Comment:** Pre-inspected

**Technician Certifications:** (None)

### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Structural Steel Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 03/23/2000  
**Performed By:** twilhittington  
**Check In:** tw - changed Gray Iron Castings to CRITICAL  
**Comment:**
# North Carolina Department of Transportation

## Minimum Sampling Guide

### Grates, Steel

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest              | Required                         |
| Alt ID Matching      | No Match, Alt ID Required        |
| Sample/Test          | N/A                              |
| Approved List        | N/A                              |
| Visual Inspection    | N/A                              |
| Catalog Cut          | N/A                              |
| Field Inspection     | Required                         |

**Inspection Type(s):** Structural Steel

- **Sample/Test:** N/A
- **Other Reports:** Shop Drawing Required; Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>500.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pre-inspected

**Technician Certifications:** (None)

#### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Structural Steel Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013  
**Comment:**
Gray Iron Castings

General
- Group: Steel
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: Cast Iron
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Structural Members

Status:
- Current

Version:
- 4.02

From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: Match Alt ID/Match from Sample
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: Pre-tested

Technician Certifications: None

Test Formats
1. Gray Iron Castings Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
# Gray Iron Castings

## General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Cast Iron
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

## Testing Requirements
- **Sample Comment:** Pre-tested
- **Technician Certifications:** (None)

## Test Formats

1. Gray Iron Castings Test - Version 3
   - **Owning Lab:** Physical Lab
   - **IA Type:** None

## Note
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: tww - changed GR Cables to CRITICAL
Comment:
Gray Iron Castings

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 04/22/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Pay Adj Required

Certification: N/A

Responsibility

☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Gray Iron Castings Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/22/1997 Performed By: twhittington
Check In Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Gray Iron Castings

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Location Type: Cast Iron
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: N/A
Type: 
Responsibility:
(M &T) (RE) (Both)

Testing Requirements
Test Category: Pretest
Sample Frequency: 1,000.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Lab

Sample Comment: Pre-tested
Technician Certifications: (None)

Test Formats
1. Gray Iron Castings Test - Version 3

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: tww - changed GR Cables to CRITICAL
Comment:
Gray Iron Castings

General
Group: Steel  Status: History
How Received: Material Receipt  Version: 3.00
Metric/English: Both  From Date: 03/23/2000  To Date: 03/23/2000
Facility Type: Cast Iron
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes
Other Reports:

Testing Requirements
Sample Comment: Pre-tested
Technician Certifications: None

Test Formats
1. Gray Iron Castings Test - Version 3
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/23/2000  Performed By: twhittington
Check In: tww - changed GR Cables to CRITICAL
Comment:
Gray Iron Castings

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Cast Iron
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 12/22/1999 To Date: 01/03/2000

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment: Pre-tested
Technician Certifications: (None)

Test Formats

1. Gray Iron Castings Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Gray Iron Castings

General

Group: Steel  Status: Expired
How Received: Material Receipt  Version: 4.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Cast Iron
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 1,000.00 | M&T Lab | M&T Lab

Sample Comment: Pre-tested
Technician Certifications: (None)

Test Formats

1. Gray Iron Castings Test - Version 3
   
Owning Lab: Physical Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013  Performed By: rpace
Check In: New MSG 2013
Comment:
Grout and Concrete Repair Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.02
From Date: 01/01/1999
To Date: 12/31/2075

Certification: Required
Type
3: Manufacturer's Certification
   (None)
   (None)
   M &T RE Both
Responsibility
   M &T RE Both
   M &T RE Both
   M &T RE Both

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ❑
Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements

Test Category: Sample Frequency: Sampling Responsibility: Testing Responsibility:
Verification: 100,000,000.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Grout and Concrete Repair Materials

General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must be on M&T Approved List; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One Set of Cylinders Per Day's Operation

**Technician Certifications:** (None)

**Test Formats**

1. **Cementitious Repair Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Grout Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Grout Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/03/2011  
**Performed By:** rpace

**Check In:** Had sample/test and certification backward.
**Comment:**

**Verification:**
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

**Expiration:**
- **Status:** Expired
- **Version:** 2.02

**Sample/Test Remarks:**
- **Certification:** Required
- **Type:**
  - 3. Manufacturer's Certification
  - (None)
  - (None)

**Responsibility:**
- M&T
- RE
- Both

**Catalog Cut:**
- **M&T 913 Report (Steel)**
Grout and Concrete Repair Materials

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
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<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>Optional</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td>(None)</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Must be on M&amp;T Approved List; Prepayment Invoice Required</td>
</tr>
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</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Grout and Concrete Repair Materials (Metric) changed
Comment: Test Category to Verification.
Grout and Concrete Repair Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: N/A
Responsibility
Type
(Non) M&T (Non) RE (Non) Both
(Non) M&T (Non) RE (Non) Both
(Non) M&T (Non) RE (Non) Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 100,000,000.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG group from Concrete to Misc.
Comment: 03/18/2019
### Grout and Concrete Repair Materials

**General**

<table>
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<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
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<tr>
<td>Status</td>
<td>Expired</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>Optional</td>
</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>✔</td>
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**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One Set of Cylinders Per Day's Operation

**Technician Certifications:** (None)

**Test Formats**

1. **Cementitious Repair Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Grout Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Grout Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/08/2007  
**Performed By:** rpace  
**Check In:** Changed MSG group from Concrete to Misc.  
**Comment:**

--

**Visual Inspection:** Required

**Sample/Test:** Optional
Grout and Concrete Repair Materials

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status: Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version: 2.04</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date: 01/01/1999 To Date: 12/31/2075</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | N/A |
| Other Reports: | Must be on M&T Approved List; Prepayment Invoice Required |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>10,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One Set of Cylinders Per Day's Operation

Technician Certifications: (None)

Test Formats

1. Cementitious Repair Test - Version 3
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Grout Test - Version 4
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

3. Grout Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In New MSG Groups 2013
Comment:
**Minimum Sampling Guide**

**Grout and Concrete Repair Materials**

**General**
- **Group:** Concrete
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** Optional
- **Certification:** N/A
- **Responsibility:** (None) M&T RE Both
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must be on M&T Approved List; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One Set of Cylinders Per Day's Operation

**Technician Certifications:** (None)

**Test Formats**

1. **Cementitious Repair Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Grout Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Grout Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** fmoody

**Check In:** Grout and Concrete Repair Materials (Both) changed
**Comment:** Sample Frequency to 99,999,999,999.
Grout and Concrete Repair Materials

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab
Status: History
Version: 1.00
From Date: 05/21/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Must be on M&T Approved List; Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment: One Set of Cylinders Per Day's Operation
Technician Certifications: (None)

Test Formats
1. Cementitious Repair Test - Version 3
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:
2. Grout Test - Version 4
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:
3. Grout Test (Metric) - Version 1
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Minutes of Grout and Concrete Repair Materials

General

- **Group:** Concrete
- **Material Receipt:** None
- **Non-Critical:**
- **Physical Lab:**
- **Physical Lab History:**
- **Version:** 1.01
- **From Date:** 11/02/2001
- **To Date:** 09/23/2006
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab
- **Default Auth Lab:** Physical Lab
- **How Received:** Material Receipt
- **Facility Type:** None
- **Metric/English:** Metric

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Must be on M&T Approved List; Prepayment Invoice Required
- **Certification:** N/A
- **Type:**
  - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both

Testing Requirements

- **Test Category:** Verification
- **Sample Frequency:** 100,000,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

Sample Comment:

- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Grout and Concrete Repair Materials (Metric) changed

Comment: Test Category to Verification.
# Grout and Concrete Repair Materials

## General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab
- **Status:** History
- **Version:** 1.01
- **From Date:** 11/02/2001
- **To Date:** 09/23/2006

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Must be on M&T Approved List; Prepayment Invoice Required

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

## Note
Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  **Performed By:** conv

**Check In:** Grout and Concrete Repair Materials (English) - added

**Comment:** Verification Test Category
Grout and Concrete Repair Materials

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 06/28/2001  To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Type

Responsibility
(Non) M&T (Non) RE (Non) Both
(Non) M&T (Non) RE (Non) Both
(Non) M&T (Non) RE (Non) Both

☐ M&T 913 Report (Steel)

Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verifications | 100,000,000.00 | Project Personnel | M&T Lab

Sample Comment: One Set of Cylinders Per Day's Operation

Technician Certifications: (None)

Test Formats

1. Cementitious Repair Test - Version 3
   
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Grout Test - Version 4
   
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. Grout Test (Metric) - Version 1
   
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Grout and Concrete Repair Materials

General

Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 2.03
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Responsibility
Sample/Test: N/A  Type
Approved List: Required  3: Manufacturer's Certification
Visual Inspection: N/A  (None)
Catalog Cut: N/A  (None)
Field Inspection: N/A  M &T 913 Report (Steel)
Small Quantity:  Must be on M&T Approved List; Prepayment Invoice Required
Other Reports:  

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Verification</td>
<td>10,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One Set of Cylinders Per Day's Operation

Technician Certifications: (None)

Test Formats

1. Cementitious Repair Test - Version 3
   
   Ownering Lab: Physical Lab  
   IA Type: None  
   Metric/English Code: English
   Sample/Test Remarks:

2. Grout Test - Version 4
   
   Ownering Lab: Physical Lab  
   IA Type: None  
   Metric/English Code: English
   Sample/Test Remarks:

3. Grout Test (Metric) - Version 1
   
   Ownering Lab: Physical Lab  
   IA Type: None  
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  
Performed By: rpace
Check In: New 2013 MSG
Comment:
### Grout and Concrete Repair Materials

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Must be on M&T Approved List; Prepayment Invoice Required

#### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Verification | 100,000,000.00 | Project Personnel | M&T Lab

#### Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Grout and Concrete Repair Materials

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: ☐
Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Certification: N/A

Responsibility

Type: (None)

M &T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Verification | 100,000,000.00 | Project Personnel | M&T Lab

Sample Comment:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Grout and Concrete Repair Materials

General

<table>
<thead>
<tr>
<th>Group:</th>
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<th>Status:</th>
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<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
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<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>11/02/2001</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>11/02/2001</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
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<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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Methods of Acceptance

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<td>Sample/Test:</td>
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<td>Approved List:</td>
<td>Optional</td>
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<tr>
<td>Visual Inspection:</td>
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<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
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</tr>
<tr>
<td>Small Quantity:</td>
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<tr>
<td>Other Reports:</td>
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Testing Requirements

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/02/2001
Performed By: twhillington
Check In: New Grout UOM.
Comment:
Grout and Concrete Repair Materials

General
Group: Concrete
Status: History
How Received: Material Receipt
Version: 1.00
Metric/English: Metric
From Date: 11/02/2001
To Date: 11/02/2001

Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Certification: N/A

Responsibility
(Use ○ M&T ○ RE ○ Both)
(Use ○ M&T ○ RE ○ Both)
(Use ○ M&T ○ RE ○ Both)

M&T 913 Report (Steel)

Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements
Test Category: Acceptance
Sample Frequency: 100,000,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/02/2001
Performed By: twiltington
Check In: New Grout UOM.
Comment:
Grout and Concrete Repair Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Correcting
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Certification: Required
Type
3: Manufacturer's Certification
(3) M&T RE Both
(3) M&T RE Both
(3) M&T RE Both

Responsibility

M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 100,000,000.00 Project Personnel M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Grout and Concrete Repair Materials

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 2.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements

Test Category      Sample Frequency      Sampling Responsibility      Testing Responsibility
Verification       100,000,000.00      Project Personnel       M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Grout Cylinders

General

- Group: Concrete
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/24/1999   To Date: 02/23/2001

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: Optional
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity:
- Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One Set of Cylinders Per Day's Operation

Technical Certifications: (None)

Test Formats

1. Grout Test - Version 4
   - Owning Lab: Physical Lab
     - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Grout Test (Metric) - Version 1
   - Owning Lab: Physical Lab
     - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/24/1999   Performed By: rpace
Check In: Added pegrout and pmgrout test formats to msg - grout cylinders
Comment: cylinders
Grout for Subsealing

General

Group: Miscellaneous
Status: Expired
How Received: Not Received
Version: 1.01
Metric/English: Both
From Date: 01/01/1999 To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: (None)
Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 Project Personnel M&T Lab

Sample Comment: Submit for chemical testing: Grout A, B, C, cement, flyash.

Technician Certifications: (None)

Test Formats

1. Cement Content - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007
Performed By: rpace
Check In
Comment: Changed MSG group from Concrete to Misc.
Grout for Subsealing

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
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<tr>
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</tr>
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<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
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</table>

From Date: 01/01/1999, To Date: 12/31/2075

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |

Other Reports:
Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements

| Sample Comment: |
| Technician Certifications: | (None) |

Test Formats

1. Cement Content - Version 5

| Owning Lab: | Chemical Lab |
| IA Type: | None |

Metric/English Code: Both

Certification:

- N/A

Responsibility:

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
## Grout for Subsealing

### General

- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.02
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Must be on M&T Approved List; Prepayment Invoice Required

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats

1. **Cement Content - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpase  
**Check In:** New 2013 MSG  
**Comment:**
Grout for Subsealing

General

Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: Expired
Version: 1.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements

Test Category: Verification
Sample Frequency: 999,999.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: Submit for chemical testing: Grout A, B, C, cement, flyash.

Technician Certifications: (None)

Test Formats

1. Cement Content - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: fmoody
Check In: Grout for Subsealing (Both) - Changed How Received to Not Received and Project Certification to Minor.
Grout for Temporary Headwall

General

Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 1.00 | Project Personnel | M&T Lab

Sample Comment: One sample per project.
Technician Certifications: (None)

Test Formats

1. Cement Content - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

---

Action Date: 01/01/1999
Performed By: fmoody
Check In: Grout for Temporary Headwall (Both)- Changed How Received to Not Received.
Comment: Received to Not Received.
Grout for Temporary Headwall

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 3.00
From Date: 04/10/2000 To Date: 04/25/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: One sample per project.
Technician Certifications: (None)

Test Formats
1. Cement Content - Version 5
   - Owner Lab: Chemical Lab
   - IA Type: None

Certification: N/A
Type
Responsibility
(M&T) (RE) (Both)
(M&T) (RE) (Both)
(M&T) (RE) (Both)

Sample/Test Remarks:

Action Date: 04/10/2000
Performed By: rpace
Check In: changed
Comment:
Grout for Temporary Headwall

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 4.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required, M&T Approved List

Testing Requirements
Sample Comment:
Technician Certifications: None

Test Formats
1. Cement Content - Version 5
   Owning Lab: Chemical Lab
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:

   Certification: N/A
   Type
   (None)
   Responsibility
   M&T
   RE
   Both
   M&T
   RE
   Both
   M&T
   RE
   Both

   □ M&T 913 Report (Steel)

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Grout for Temporary Headwall

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 4.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: N/A
Type
(None)
Responsible
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Sample/Test Remarks:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1.00 Project Personnel M&T Lab

Sample Comment: One sample per project.

Technician Certifications: (None)

Test Formats
1. Cement Content - Version 5

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Action Date: 12/08/2007
Performed By: rpace
Check In: Changed MSG group from Concrete to Misc.
Comment:
## Grout for Temporary Headwall

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td></td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
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</table>

### Test Formats

1. Cement Content - Version 5

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
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</tr>
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</table>

### Certification

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### Notes

- Action Date: 03/15/2000
- Performed By: thjones
- Check In: In step changes
- Comment: None
Grout for Temporary Headwall

General

Group: Concrete
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 3.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1.00 Project Personnel M&T Lab

Sample Comment: One sample per project.
Technician Certifications: (None)

Test Formats

1. Cement Content - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Action Date: 11/15/2006
Performed By: conv

Check In: Grout for Temporary Headwall (Both)- Changed How
Comment: Received to Not Received.
# Grout for Temporary Headwall

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
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</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
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</table>

## Certification

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
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</tr>
<tr>
<td>(None)</td>
<td>□ M&amp;T</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>□ M&amp;T</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>□ M&amp;T</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

## Testing Requirements

- **Sample Comment:**

  Technician Certifications: (None)

## Test Formats

1. **Cement Content** - Version 5

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 04/10/2000  
**Performed By:** rpace  
**Check In:** Changed sample frequency from 1 to 999999; also change default authrozing lab to chemical from physical.
Grout for Temporary Headwall

General

Group: Concrete  Status: Current
How Received: Not Received  Version: 4.03
Metric/English: Both  From Date: 01/01/1999
to Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | Required |
| Visual Inspection: | Required |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | (None) |
| Other Reports: | Prepayment Invoice Required, M&T Approved List |

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Cement Content - Version 5

   Owning Lab: Chemical Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

   Certification: N/A
   Type: (None)
   Responsibility:
   - M&T
   - RE
   - Both
   - M&T
   - RE
   - Both
   - M&T
   - RE
   - Both

   M&T 913 Report (Steel)

Action Date: 02/27/2013  Performed By: rpace
Check In: New MSG Groups 2013
Comment:
## Minimum Sampling Guide

### Grout Specimens

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | Optional |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: |  |
| Other Reports: | Must be on M&T Approved List; Prepayment Invoice Required |

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One Set of Cylinders Per Day's Operation

**Technician Certifications:** (None)

#### Test Formats

1. **Grout Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Grout Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** twhittington

**Check In:** Change so that can add “Grout Cores” to this Material Type.

**Comment:**
Grout Specimens

General

Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 2.01
Metric/English: Both  From Date: 01/01/1999
Facility Type: (None)  To Date: 12/31/2075
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required  Responsibility
Approved List: Optional  (None)  M&T  RE  Both
Visual Inspection: N/A  (None)  M&T  RE  Both
Catalog Cut: N/A  (None)  M&T  RE  Both
Field Inspection: N/A  M&T 913 Report (Steel)
Small Quantity:  Must be on M&T Approved List; Prepayment Invoice Required
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One Set of Cylinders Per Day's Operation

Testing Requirements

1. Grout Test - Version 4
   
   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

2. Grout Test (Metric) - Version 1
   
   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Grout Specimens

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 11/02/2001 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Certification: N/A
Type

Responsibility

M &T RE Both

M &T RE Both

M &T RE Both

M &T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1.00 Project Personnel M&T Lab

Sample Comment: One Set of Cylinders Per Day's Operation

Technician Certifications: (None)

Test Formats

1. Grout Test - Version 4
   
   Owning Lab: Physical Lab  
   IA Type: None  
   Metric/English Code: English  
   Sample/Test Remarks:

2. Grout Test (Metric) - Version 1
   
   Owning Lab: Physical Lab  
   IA Type: None  
   Metric/English Code: Metric  
   Sample/Test Remarks:
### Grout Specimens

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>How Received</th>
<th>Version</th>
<th>Metric/English</th>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
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<td>Non-Critical</td>
<td>Physical Lab</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
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**Methods of Acceptance**

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<td>(None)</td>
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<td>N/A</td>
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<td>N/A</td>
<td>M&amp;T RE Both</td>
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<tr>
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<td>N/A</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
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**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One Set of Cubes Per Day's Operation

**Technician Certifications:** (None)

**Test Formats**

1. **Grout Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Grout Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**

---
Grout Specimens

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 2.03
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Must be on M&T Approved List; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1.00 Project Personnel M&T Lab

Sample Comment: One Set of Cubes Per Day's Operation
Technician Certifications: (None)

Test Formats
1. Grout Test - Version 4
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Grout Test (Metric) - Version 1
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail Anchor Cable

General
Group: Steel  Status: Expired
How Received: Material Receipt  Version: 5.00
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Optional  Certification: Required
Alt ID Matching: No Match  Type
Sample/Test: Optional  Responsibility
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Guardrail
Small Quantity:
Other Reports: Should be furnished from a approved manufacture on the Comprehensive Approved Products list.; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  300.00  Project Personnel  M&T Lab
Sample Comment: 1 cable per shipment or 1 per 300 cables supplied or fraction thereof.
Technician Certifications: (None)

Test Formats
1. Test Report for Anchor Cable - Version 4
   Owning Lab: Physical Lab  Metric/English Code: English
   IA Type: None  Sample/Test Remarks:

2. Test Report for Anchor Cable (Metric) - Version 1
   Owning Lab: Physical Lab  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: twhillington
Check In: Change of Sampling Frequency.
Comment:
Guardrail Anchor Cable

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 4.00
From Date: 06/29/2001 To Date: 06/29/2001

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M &amp; T</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>RE</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>Both</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Inspection Type(s): Guardrail

Sample/Test Remarks:

Testing Requirements

Sample Comment: 1 cable per shipment or 1 per 50 cables supplied or fraction thereof.

Technician Certifications: (None)

Test Formats

1. Test Report for Anchor Cable - Version 4
   
   | Owning Lab: Physical Lab |
   | IA Type: None |

   Metric/English Code: English
   Sample/Test Remarks:

2. Test Report for Anchor Cable (Metric) - Version 1
   
   | Owning Lab: Physical Lab |
   | IA Type: None |

   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
Guardrail Anchor Cable

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 3.00
From Date: 03/23/2000
To Date: 03/23/2000

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity:
Other Reports: Should be furnished from a approved manufacture on the Comprehensive Approved Products list.; Prepayment Invoice Required

Testing Requirements

Sample Comment: 1 cable per shipment or 1 per 50 cables supplied or fraction thereof.
Technician Certifications: (None)

Test Formats

1. Test Report for Anchor Cable - Version 4
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Test Report for Anchor Cable (Metric) - Version 1
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/23/2000
Performed By: twittington
Check In: tw - changed GR Chemistry to MINOR
Comment:
Guardrail Anchor Cable

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Should be furnished from a approved manufacture on the Comprehensive Approved Products list.; Prepayment Invoice Required

Testing Requirements

Sample Comment: 1 cable per shipment or 1 per 50 cables supplied or fraction thereof.
Technician Certifications: (None)

Test Formats

1. Test Report for Anchor Cable - Version 4
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Test Report for Anchor Cable (Metric) - Version 1
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
Guardrail Anchor Cable

General

- **Group:** Steel
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/04/1998
- **To Date:** 12/11/1999

- **How Received:** Material Receipt
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Should be furnished from a approved manufacture on the Comprehensive Approved Products list.; Prepayment Invoice Required; Pay Adj Required

Testing Requirements

- **Sample Comment:** 1 cable per shipment or 1 per 50 cables supplied or fraction thereof.
- **Technician Certifications:** (None)

Test Formats

1. **Test Report for Anchor Cable** - Version 4

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Test Report for Anchor Cable (Metric)** - Version 1

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/04/1998
**Performed By:** rpace
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Guardrail Anchor Cable

General

- Group: Steel
- Status: Expired
- How Received: Material Receipt
- Version: 5.01
- Metric/English: Both
- From Date: 01/01/1999
- To Date: 12/31/2075
- Default Auth Lab: Physical Lab
- Facility Type: (None)
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance

- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Visual Inspection: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required
- Inspection Type(s): Guardrail

Certification:

1. Required

Responsibility:

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

Field Inspection: Required

Small Quantity: [ ]

Other Reports: Should be furnished from a approved manufacture on the Comprehensive Approved Products list.; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 300.00 Project Personnel M&T Lab
Sample Comment: 1 cable per shipment or 1 per 300 cables supplied or fraction thereof.
Technician Certifications: (None)

Test Formats

1. Test Report for Anchor Cable - Version 4
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Test Report for Anchor Cable (Metric) - Version 1
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Guardrail Anchor Cable

### General

- **Group:** Guardrail
- **Status:** Current
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
  
  **Inspection Type(s):** Guardrail

### Testing Requirements

#### Sample Frequency
- **Acceptance:** 300.00

#### Sampling Responsibility
- **Project Personnel**

#### Testing Responsibility
- **M&T Lab**

#### Sample Comment:
- 1 cable per shipment or 1 per 300 cables supplied or fraction thereof.

#### Technician Certifications:
- (None)

### Test Formats

1. **Test Report for Anchor Cable - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Test Report for Anchor Cable (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail Anchor Cable

General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 4.01
- **Metric/English:** Both
- **From Date:** 07/22/2002
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **To Date:** 09/23/2006
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** Optional
- **Certification:** Required
- **Responsibility**
  - Type
    - 1: Certified Mill Test Report
  - Facility
    - M&T
    - RE
    - Both
- **Responsibility**
  - Facility
    - M&T
    - RE
    - Both
- **Field Inspection:** Required
- **Small Quantity:** 
- **Other Reports:** Should be furnished from an approved manufacturer on the Comprehensive Approved Products list; Prepayment Invoice Required

Testing Requirements
- **Test Category**
  - Acceptance
- **Sample Frequency**
  - 300.00
- **Sampling Responsibility**
  - Project Personnel
- **Testing Responsibility**
  - M&T Lab
- **Sample Comment:** 1 cable per shipment or 1 per 300 cables supplied or fraction thereof.
- **Technician Certifications:** (None)

Test Formats
1. **Test Report for Anchor Cable - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Test Report for Anchor Cable (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Change of Sampling Frequency.
Comment:
Guardrail Anchor Unit

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

M&T 913 Report (Steel)

Other Reports: Brand Certification Program

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 4.00 M&T Lab M&T Lab

Sample Comment: See Brand Certification Program for details.

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail Anchor Unit

General

Group: Steel  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Both  From Date: 06/29/2001  To Date: 06/29/2001

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: Required  Responsibility
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A  (None)

Field Inspection: Required  Inspection Type(s): Guardrail

Small Quantity:  Other Reports:

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications:  (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001  Performed By: conv
Check In Setting the new FIR code to Required and Specifying the Comment: FIRD Type for version 5.0 conversion.
Guardrail Anchor Unit

General
Group: Guardrail
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Guardrail
Small Quantity: □
Other Reports: Brand Certification Program

Certification:
Required Type
Responsibility
Buy America
M&T RE Both
(Both)
M&T RE Both
(Both)
M&T RE Both
(Both)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:
Guardrail Anchor Unit

**General**
- **Group:** Steel
- **Status:** Expired
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Version:** 3.01

**How Received:** Material Receipt
**Metric/English:** Both
**Facility Type:** Guardrail
**Default Auth Lab:** Field Section
**Project Certification:** Critical
**MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A

**Field Inspection:** Required

**Sample/Test Remarks:** None

**Testing Requirements**

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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Lab</td>
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**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

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<tbody>
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<td>Field Section</td>
<td>Both</td>
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**IA Type:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013
**Performed By:** rpace
**Check In:** New MSG 2013
**Comment:**
Guardrail Anchor Unit

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Status: History
Version: 1.00
From Date: 05/04/1998
To Date: 12/11/1999
From Date: 05/04/1998
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Brand Certification Program; Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks: N/A

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/04/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Guardrail Anchor Unit - Chemical Check

General

- **Group:** Steel
- **Status:** History
- **Version:** 1.00
- **From Date:** 01/03/2000
- **To Date:** 01/03/2000
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Guardrail
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Brand Certification Program; Prepayment Invoice Required

Certification: N/A

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</table>

- M&T 913 Report (Steel)

Testing Requirements

- **Sample Comment:** See Brand Certification Program for details.
- **Technician Certifications:** (None)

Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/03/2000
Performed By: rpace
Check In: Sample freq. changed. Wrong number.
Comment:
Guardrail Anchor Unit - Chemical Check

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: History
Version: 2.01
From Date: 05/01/2002 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports: Brand Certification Program; Prepayment Invoice Required

Certification: N/A

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<td>M&amp;T ☐ RE ☐ Both</td>
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</table>

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   Owning Lab: Chemical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None

   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail Anchor Unit - Chemical Check

General

Group: Steel  Status: Expired
How Received: Material Receipt  Version: 3.00
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type: N/A
Sample/Test: Optional  Responsibility: Both
Approved List: N/A  M&T
Visual Inspection: N/A  RE
Catalog Cut: N/A  Both
Field Inspection: Required  M&T 913 Report (Steel)
Inspection Type(s): Guardrail
Small Quantity:  Optional
Other Reports: Brand Certification Program; Prepayment Invoice Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Galvanized Metals (Metric) - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: sqa14340
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
# Guardrail Anchor Unit - Chemical Check

## General

<table>
<thead>
<tr>
<th>Group</th>
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<tbody>
<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
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<td>Guardrail</td>
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<tr>
<td>Default Auth Lab</td>
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<td>Project Certification</td>
<td>Minor</td>
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### Methods of Acceptance

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<tr>
<td>Visual Inspection</td>
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</tr>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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Other Reports: Brand Certification Program; Prepayment Invoice Required

## Certification

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<tr>
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<td>M&amp;T RE Both</td>
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</table>

- (None)
- M&T
- RE
- Both

- M&T 913 Report (Steel)

## Testing Requirements

- Sample Comment: See Brand Certification Program for details.
- Technician Certifications: (None)

### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  **Performed By:** twhittington  
**Check In:** tww - changed Non-Strip to MINOR  
**Comment:**
Guardrail Anchor Unit - Chemical Check

General

Group: Guardrail
How Received: Not Received
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Responsibility

Type

(None)

(None)

☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

Inspection Type(s): Guardrail

Small Quantity: ☐
Other Reports: Brand Certification Program; Prepayment Invoice Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail Anchor Unit - Chemical Check

**General**

<table>
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<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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**Methods of Acceptance**

<table>
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<th>Field</th>
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**Certification**

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- M&T 913 Report (Steel)

**Testing Requirements**

- Sample Comment: See Brand Certification Program for details.
- Technician Certifications: (None)

**Test Formats**

1. Galvanized Metals - Version 6
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Galvanized Metals (Metric) - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Guardrail Backup Plates

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: If temporary less than 200 LF.
Other Reports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Type: (None)
Responsibility: M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Guardrail Backup Plates

#### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 06/29/2001
- **To Date:** 06/29/2001
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

#### Methods of Acceptance

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<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Certification:** N/A

**Responsibility**
- M&T
- RE
- Both

**Type**
- (None)

**Inspection Type(s):** Guardrail

**Small Quantity:** ☑ If temporary less than 200 LF.

**Other Reports:** Brand Certification - Must come with Bill of Lading

#### Testing Requirements
- Sample Comment:
- **Technician Certifications:** (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Guardrail Backup Plates

### General

- **Group:** Steel  
- **How Received:** Not Received  
- **Metric/English:** Both  
- **Facility Type:** Guardrail  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Minor  
- **MSG Responsibility:** Field Section  

### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** Required  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  

#### Certification:

- **Type:** N/A  
- **Responsibility**:
  - (None)  
  - (None)  
  - (None)  

#### Testing Responsibility:

- **M&T Field**  
- **RE**  
- **Both**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

### Small Quantity:

- **Check:** If temporary less than 200 LF.

### Other Reports:

- **Brand Certification:** Must come with Bill of Lading

### Note:

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Guardrail Backup Plates (Both) Changed How Received to Not Received.
## Guardrail Backup Plates

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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<tr>
<td>Status</td>
<td>History</td>
</tr>
<tr>
<td>Version</td>
<td>2.00</td>
</tr>
<tr>
<td>From Date</td>
<td>03/15/2000</td>
</tr>
<tr>
<td>To Date</td>
<td>03/15/2000</td>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Sample/Test</td>
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<tr>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>✅ If temporary less than 200 LF.</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Brand Certification - Must come with Bill of Lading</td>
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</tbody>
</table>

### Certification:

- **Type**: N/A
- **Responsibility**:
  - (None)
  - (None)
  - (None)

### Testing Requirements

- **Sample Comment**: N/A
- **Technician Certifications**: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab**: Field Section
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: N/A

### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 03/15/2000  
**Performed By**: thjones

**Check In**: In step changes
**Comment**: N/A
### Guardrail Backup Plates

#### General

<table>
<thead>
<tr>
<th>Group</th>
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<th>Current</th>
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<tbody>
<tr>
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<tr>
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<td>Both</td>
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<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Guardrail</td>
<td>To Date</td>
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<tr>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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</tr>
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</table>

#### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Inspection Type(s):** Guardrail

**Small Quantity:** ✔ If temporary less than 200 LF.

**Other Reports:** Brand Certification - Must come with Bill of Lading

#### Testing Requirements

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<tr>
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<th>Sample Frequency</th>
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**Sample Comment:**

**Technician Certifications:** (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   **Owning Lab:** Field Section
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Guardrail Backup Plates

General

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<td>Project Certification:</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:       | N/A          |
| Alt ID Matching: | (None)      |
| Sample/Test:   | N/A          |
| Approved List: | Required     |
| Visual Inspection: | N/A         |
| Catalog Cut:   | N/A          |
| Field Inspection: | Required  |
| Small Quantity: | If temporary less than 200 LF. |
| Other Reports: | Brand Certification - Must come with Bill of Lading |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
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<td>M&amp;T Field</td>
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Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Guardrail Backup Plates (Both) Changed How Received to Not Received.
Guardrail Backup Plates

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 4.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required Inspection Type(s): Guardrail

Small Quantity: ☑ If temporary less than 200 LF.
Other Reports: Brand Certification - Must come with Bill of Lading

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 2,000.00 | M&T Field | M&T Field

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
**Guardrail, Aluminum Beam**

**General**

- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Min. Sampling Guide:** 3.00

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A

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<th>Type</th>
<th>Responsibility</th>
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<tbody>
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<td>M&amp;T</td>
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<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- **Check In:** Required
- **Inspection Type(s):** Guardrail
- **Small Quantity:** If temporary less than 200 LF.
- **Other Reports:** Brand Certification - Must come with Bill of Lading

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** sqa14340

**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Guardrail, Aluminum Beam

General

Group: Steel  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: English  From Date: 06/29/2001  To Date: 06/29/2001
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Guardrail
Small Quantity: ☑ If temporary less than 200 LF.
Other Reports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Certification: N/A  Type
(Responsibility)
(Responsibility)
(Responsibility)
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both
☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail, Aluminum Beam

General

Group: Steel  Status: History
HowReceived: Material Receipt  Version: 1.00
Metric/English: English  From Date: 05/04/1998  To Date: 12/11/1999
FacilityType: (None)
DefaultAuthLab: Field Section
ProjectCertification: Non-Critical
MSGResponsibility: Field Section

Methods of Acceptance

Pretest: Optional  Certification: N/A
AltIDMatching: NoMatch  Type
Sample/Test: Optional  Responsibility
ApprovedList: Required
VisualInspection: N/A
CatalogCut: N/A
FieldInspection: N/A
SmallQuantity: Yes  If temporary less than 200 LF.
OtherReports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Testing Requirements

SampleComment: See Brand Certification Program for details.
TechnicianCertifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

OwningLab: Field Section  Metric/EnglishCode: Both
IAType: None  Sample/TestRemarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail, Aluminum Beam

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

From Date: 01/01/1999  To Date: 12/31/2075

Status: Current
Version: 3.00

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Guardrail

Small Quantity: ☑️ If temporary less than 70 meters.
Other Reports: Brand Certification - Must come with Bill of Lading

Certification: N/A  Type: (None)  Responsibility

Testing Requirements

Test Category          Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification           600.00            M&T Lab                   M&T Field

Sample Comment: See Brand Certification Program for details.

Testing Responsibility

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Owner Lab: Field Section  Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:

   Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail, Aluminum Beam

General

Group: Steel  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Metric  From Date: 06/29/2001  To Date: 06/29/2001
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Guardrail

Small Quantity: Yes  If temporary less than 70 meters.
Other Reports: Brand Certification  Must come with Bill of Lading; Pay Adj Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001  Performed By: conv
Comment: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
### Guardrail, Aluminum Beam

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
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<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest                       | Optional            |
| Alt ID Matching               | No Match            |
| Sample/Test                   | Optional            |
| Approved List                 | Required            |
| Visual Inspection             | N/A                 |
| Catalog Cut                   | N/A                 |
| Field Inspection              | N/A                 |
| Small Quantity                | Yes - If temporary less than 70 meters. |

#### Other Reports

- Brand Certification - Must come with Bill of Lading; Pay Adj Required

#### Testing Requirements

- **Sample Comment**: See Brand Certification Program for details.
- **Technician Certifications**: (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

<table>
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<tr>
<th>Owner Lab</th>
<th>Field Section</th>
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<tr>
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</table>

   | Metric/English Code  | Both          |
   | Sample/Test Remarks  |              |

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 05/04/1998  
**Performed By**: rpace  
**Check In**: Archive data come from Minimum Sampling Guide on v3.0  
**Comment**: Production db
### Guardrail, Aluminum Beam

**General**

<table>
<thead>
<tr>
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<tbody>
<tr>
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#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

**Certification:** N/A

**Type:**
- M&T
- RE
- Both

**Responsibility:**
- M&T
- RE
- Both

**Field Section Miscellaneous Test** - Version 3

**Certification Requirements:**
- M&T 913 Report (Steel)

**Small Quantity:**
- If temporary less than 200 LF.

**Other Reports:**
- Brand Certification - Must come with Bill of Lading

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
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</table>

**Sample Comment:**

See Brand Certification Program for details.

**Technician Certifications:** (None)

#### Test Formats

1. **Field Section Miscellaneous Test** - Version 3

**Owning Lab:** Field Section

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/28/2013

**Performed By:** rpace

**Check In:** New MSG 2013

**Comment:**
Guardrail, Aluminum Beam

General

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<td>MSG Responsibility:</td>
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Methods of Acceptance

<table>
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<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
<td>(None)</td>
<td>Both</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>Required</td>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>If temporary less than 200 LF.</td>
<td>(None)</td>
<td>RE</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Brand Certification - Must come with Bill of Lading</td>
<td>(None)</td>
<td>Both</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013

Performed By: rpace

Check In: NEW MSG 2013

Comment: NEW MSG 2013
Guardrail, Hardware

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

Status: History  
Version: 1.00  
From Date: 11/30/1998  
To Date: 12/11/1999

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>If temporary less than 200 LF.</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Brand Certification - Must come with Bill of Lading; Pay Adj Required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  
IA Type: None  
Metric/English Code: Both  
Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/30/1998  
Performed By: rpace  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
## Guardrail, Hardware

### General
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 4.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Guardrail

#### Certification:
- **Type:** N/A
- **Responsibility:**
  - (None)

- **Certification:** M&T 913 Report (Steel)

#### Small Quantity:
- If temporary less than 200 LF.

### Other Reports:
- Brand Certification - Must come with Bill of Lading

### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

#### Sample Comment:
See Brand Certification Program for details.

#### Technician Certifications:
(Any)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: sqa14340
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
Guardrail, Hardware

General

Group: Steel  Status: History
How Received: Material Receipt  Version: 3.00
Metric/English: Both  From Date: 06/29/2001  To Date: 06/29/2001
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type (None)
Sample/Test: N/A  Responsibility
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Guardrail

Small Quantity:  If temporary less than 200 LF.
Other Reports:  Brand Certification - Must come with Bill of Lading

Testing Requirements

Sample Comment:  See Brand Certification Program for details.
Technician Certifications:  (None)

Test Formats

1.  Field Section Miscellaneous Test - Version 3
   
   Owning Lab: Field Section
   IA Type: None  Metric/English Code: Both

   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001  Performed By: conv
Check In  Setting the new FIR code to Required and Specifying the
Comment:  FIR Type for version 5.0 conversion.
**Guardrail, Hardware**

### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If temporary less than 200 LF.

### Testing Requirements
- **Sample Comment:** See Brand Certification Program for details.
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones  
**Check In:** In step changes  
**Comment:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**From Date:** 03/15/2000  
**To Date:** 03/15/2000
# Guardrail, Hardware

## General

<table>
<thead>
<tr>
<th>Field Section</th>
<th>From Date:</th>
<th>To Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Receipt</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Both</td>
<td>4.01</td>
<td>Steel</td>
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<tr>
<td>Field Section</td>
<td>Critical</td>
<td>Field Section</td>
</tr>
<tr>
<td>Field Section</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## Methods of Acceptance

- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

### Certification

- **Type:** N/A
- **Responsibility:** M&T RE Both
- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</table>

### Sample Comment:

See Brand Certification Program for details.

### Technician Certifications:

- (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
## Guardrail, Hardware

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group:</td>
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<tr>
<td>Status:</td>
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<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Version:</td>
<td>4.02</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest:</td>
<td>Optional</td>
</tr>
<tr>
<td>Alt ID Matching:</td>
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</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>Required</td>
</tr>
<tr>
<td>Inspection Type(s):</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>No</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Brand Certification - Must come with Bill of Lading</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** None

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Owning Lab:</td>
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<tr>
<td>IA Type:</td>
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</tr>
<tr>
<td>Metric/English Code:</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
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</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Guardrail, Plastic Block

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: Required
Responsibility
Type
3: Manufacturer's Certification
(M&T)
RE
Both
(M&T)
(RE)
Both
(M&T)
(RE)
Both

Sampling Responsibility
Field M&T Field

Sample/Test Remarks:
M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 320.00 | M&T Field | M&T Field

Sample Comment:

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:
Guardrail, Plastic Block

General

Group: Steel
How Received: Material Receipt
Metric/English: Both

Status: History
Version: 2.00
From Date: 03/15/2000
To Date: 03/15/2000

Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: ☑ If temporary less than 200 LF.
Other Reports: Must come with Bill of Lading

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: Required

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
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</tr>
<tr>
<td>(None)</td>
<td></td>
</tr>
<tr>
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</tbody>
</table>

☐ M&T 913 Report (Steel)

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
Guardrail, Plastic Block

General

- Group: Steel
- Status: History
- How Received: Material Receipt
- Version: 2.01
- Metric/English: Both
- From Date: 06/28/2001
- To Date: 09/23/2006
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: Required
- Small Quantity: If temporary less than 200 LF.
- Other Reports: Must come with Bill of Lading

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:
# Guardrail, Plastic Block

## General
- **Group:** Guardrail
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Current
- **Version:** 3.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

## Other Reports
- Must come with Bill of Lading Manufacturer's Certification

## Technician Certifications
- (None)

## Test Formats
1. Field Section Miscellaneous Test - Version 3

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

## Action Date
- 03/21/2013

## Check In
- NEW MSG 2013

## Comment:
- \( \square \) M&T 913 Report (Steel)
Guardrail, Plastic Block

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: Required
Type

3: Manufacturer's Certification
   (None)
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both

Responsibility

Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Other Reports: Must come with Bill of Lading Manufacturer's Certification

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 2,000.00 M&T Field M&T Field

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Guardrail, Plastic Block

**General**
- **Group:** Miscellaneous
- **Status:** Expired
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Version:** 3.01

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:**
- **Type:** Required
- **3: Manufacturer's Certification**
  - **Responsibility:**
    - M&T
    - RE
    - Both

**Testing Requirements**
- **Test Category:** Verification
- **Sample Frequency:** 2,000.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

**Sample Comment:**
- Must come with Bill of Lading Manufacturer's Certification

**Test Formats**
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Action Date:** 02/19/2013
**Performed By:** rpace
**Check In:** New MSG 2013
**Comment:**
Guardrail, Steel Beam

General

- Group: Steel
- Status: History
- How Received: Material Receipt
- Version: 2.00
- Metric/English: English
- From Date: 06/29/2001
- To Date: 06/29/2001
- Facility Type: Guardrail
- Default Auth Lab: Field Section
- Project Certification: Non-Critical
- MSG Responsibility: Field Section

Methods of Acceptance

- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- Inspection Type(s): Guardrail
- Small Quantity: If temporary less than 200 LF.
- Other Reports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Testing Requirements

- Sample Comment: See Brand Certification Program for details.
- Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

- Owning Lab: Field Section
- Metric/English Code: Both
- IA Type: None
- Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv

Check In: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Guardrail, Steel Beam

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/04/1998 To Date: 12/11/1999

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If temporary less than 200 LF.

Other Reports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Testing Requirements
Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/04/1998 Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Guardrail, Steel Beam

General

Group: Steel
Status: History
How Received: Material Receipt
Version: 1.00
Metric/English: Metric
From Date: 05/04/1998
Facility Type: Guardrail
To Date: 12/11/1999
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☑ If temporary less than 70 meters.
Other Reports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/04/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Guardrail, Steel Beam

**General**

- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 4.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

*Inspection Type(s): Guardrail*

- **Small Quantity:** If temporary less than 70 meters.
- **Other Reports:** Brand Certification - Must come with Bill of Lading

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>4.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

*Sample Comment:* See Brand Certification Program for details.

#### Technician Certifications

- **(None)**

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Guardrail, Steel Beam (Both) - changed Sample/Test to Optional.
### Guardrail, Steel Beam

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
<td>History</td>
<td>06/29/2001</td>
<td>06/29/2001</td>
</tr>
<tr>
<td>How Received</td>
<td>Version: 3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material Receipt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metric/English: Both</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Type: Guardrail</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab: Field Section</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification: Critical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility: Field Section</td>
<td></td>
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</tr>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Certification: N/A</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching: (None)</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Sample/Test: Required</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Approved List: N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Visual Inspection: N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Catalog Cut: N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Field Inspection:** Required
- **Inspection Type(s):** Guardrail
- **Small Quantity:** If temporary less than 70 meters.
- **Other Reports:** Brand Certification - Must come with Bill of Lading

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>4.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**

   **Owning Lab:** Field Section
   **IA Type:** None
   **Metric/English Code:** Both

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2001

**Performed By:** conv

**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Guardrail, Steel Beam

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail

Status: History
Version: 3.01
From Date: 09/29/2005 To Date: 09/23/2006

Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: ✅ If temporary less than 70 meters.

Other Reports: Brand Certification - Must come with Bill of Lading

Certification: N/A Type
Responsibility
(None)

Testing Responsibility
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both

M&T 913 Report (Steel)

Testing Requirements

Test Category
Verification
Sample Frequency
4.00
Sampling Responsibility
M&T Lab
Testing Responsibility
M&T Field

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail, Steel Beam

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail

Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 2.00
From Date: 03/06/2001 To Date: 03/06/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: If temporary less than 70 meters.
Other Reports: Brand Certification - Must come with Bill of Lading

Certification: N/A
Responsibility:

Type: N/A
- M&T
- RE
- Both

Testing Requirements

Test Category: Verification
Sample Frequency: 4.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Field

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/06/2001 Performed By: rpace
Check In: changed grail to sample test required
Comment:
Guardrail, Steel Beam

General

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<tr>
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<td>From Date:</td>
<td>05/04/1998</td>
<td>To Date:</td>
<td>12/11/1999</td>
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<tr>
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Methods of Acceptance

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<th>Type</th>
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<td>Responsibility</td>
<td>M&amp;T</td>
<td>RE</td>
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<td>RE</td>
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<tr>
<td>Approved List:</td>
<td>Required</td>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>Field Inspection:</td>
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<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>☑ If temporary less than 70 meters.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Brand Certification - Must come with Bill of Lading; Pay Adj Required</td>
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<td></td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Owning Lab: Field Section
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks: M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/04/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Guardrail, Steel Beam

General

<table>
<thead>
<tr>
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<th>Steel</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Metric/English:</td>
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<td>From Date:</td>
<td>01/01/1999 To Date: 12/31/2075</td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:       | N/A                    | Certification: | N/A |
| Alt ID Matching: | (None)                | Type         | M &T |
| Sample/Test:   | Optional               | Responsibility | RE |
| Approved List: | N/A                    |               | Both |
| Visual Inspection: | N/A                  |               | Both |
| Catalog Cut:   | N/A                    |               | Both |
| Field Inspection: | Required            | Inspection Type(s): Guardrail |

Small Quantity: ✔ If temporary less than 200 LF.

Other Reports: Brand Registration - Must come with Bill of Lading

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   | Owning Lab: Field Section |
   | IA Type: None |

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
Guardrail, Steel Beam

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 4.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility
Type
(None)
M&T
RE
Both
M&T
RE
Both
M&T
RE
Both
M&T 913 Report (Steel)

Small Quantity: ☑ If temporary less than 200 LF.
Other Reports: Brand Registration - Must come with Bill of Lading

Testing Requirements
Test Category
Verification
Sample Frequency
2,000.00
Sampling Responsibility
M&T Lab
Testing Responsibility
M&T Field

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Guardrail, Steel Beam (English) - changed Sample/Test to Optional.

Comment: Optional.
Guardrail, Steel Beam

General

- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Status:** History

**Version:** 3.01

**From Date:** 09/29/2005  
**To Date:** 09/23/2006

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Small Quantity:**  If temporary less than 200 LF.

**Other Reports:** Brand Registration - Must come with Bill of Lading

Testing Requirements

- **Test Category:** Verification
- **Sample Frequency:** 2,000.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Field

**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** (None)

Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   **Owning Lab:** Field Section
   **IA Type:** None
   **Metric/English Code:** Both

   **Sample/Test Remarks:**

   **Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

   **Action Date:** 11/15/2006  
   **Performed By:** conv
   **Check In:** Guardrail, Steel Beam (English) - changed Sample/Test to Optional.
   **Comment:** Optional.
Guardrail, Steel Beam

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Version</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>From Date</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>To Date</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Default Auth Lab</td>
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<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
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<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
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<td>Field Section</td>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Certification</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
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<td>Brand Certification - Must come with Bill of Lading</td>
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</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>600.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Section</td>
<td>Both</td>
</tr>
</tbody>
</table>

IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail, Steel Beam

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 3.00
From Date: 09/18/2002 To Date: 09/18/2002

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

Type

- M&T
- RE
- Both

Field Section:

Small Quantity: ☑ If temporary less than 200 LF.
Other Reports: Brand Registration - Must come with Bill of Lading

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 2,000.00 M&T Lab M&T Field

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guardrail, Steel Beam

General
Group: Steel  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Metric  From Date: 06/29/2001  To Date: 06/29/2001
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Optional  Certification: N/A
Alt ID Matching: No Match  Type
Sample/Test: Optional  Responsibility
Approved List: Required  (None)
Visual Inspection: N/A  ☐ M&T
Catalog Cut: N/A  ☐ RE
Field Inspection: Required  ☐ Both
Small Quantity: ☑ If temporary less than 70 meters.
Other Reports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Testing Requirements
Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Guardrail, Steel Beam

#### General
- **Group:** Steel
- **Status:** Current
- **Version:** 3.00
- **From Date:** 01/01/1999 **To Date:** 12/31/2075
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

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<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

- **Small Quantity:** If temporary less than 70 meters.
- **Other Reports:** Brand Certification - Must come with Bill of Lading

#### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 600.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Field

#### Sample Comment:
See Brand Certification Program for details.

#### Technician Certifications:
- (None)

#### Test Formats
1. **Field Section Miscellaneous Test - Version 3**

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Field Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English Code:</th>
<th>Both</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Sample/Test Remarks:</th>
</tr>
</thead>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999 **Performed By:** rpace

**Check In** Guardrail, Steel Beam, Metric - changed approved list as not required - rkp
Guardsrail, Steel Beam

General

- Group: Guardrail
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Guardrail
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section
- Status: Current
- Version: 4.02
- From Date: 01/01/1999
- To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required
- Certification: N/A
- Responsibility: N/A
- Type: M &T RE Both
- (None)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Guardrail, Steel Beam

General
Group: Guardrail
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 4.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility: (None) M&T Lab M&T Field

Inspection Type(s): Guardrail

Small Quantity: ☐
Other Reports: Brand Certification - Must come with Bill of Lading

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 4.00 M&T Lab M&T Field

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Guardrail, Steel Beam

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 4.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Guardrail

Certification: N/A
Type
Responsibility
(None) M&T RE Both
(None) M&T RE Both
(None) M&T RE Both

M&T 913 Report (Steel)

Small Quantity: ☐
Other Reports: Brand Certification - Must come with Bill of Lading

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 4.00 M&T Lab M&T Field

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Guardrail, Steel Post & Block

General

Group: Steel  Status: Expired
How Received: Material Receipt  Version: 3.00
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075

Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type
Sample/Test: N/A  Responsibility
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A  (None)
Field Inspection: Required  M&T 913 Report (Steel)

Checking Type(s): Guardrail

Small Quantity: ✓ If temporary less than 200 LF.
Other Reports: Brand Certification - Must come with Bill of Lading

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  64.00  M&T Lab  M&T Lab

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of
acceptance, a visual inspection is always required. The material
may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: rpace
Check In: changed post and block guardrail from approved list to n/s
Comment: rkp
## Guardrail, Steel Post & Block

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>If temporary less than 200 LF.</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Brand Certification - Must come with Bill of Lading</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>64.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Perform By: conv
Check In: changed post and block guardrail from approved list to n/s
Comment: rkp
Guardrail, Steel Post & Block

General

Group: Guardrail
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required Inspection Type(s): Guardrail

Small Quantity: If temporary less than 200 LF.
Other Reports: Brand Certification - Must come with Bill of Lading

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,000.00 M&T Field M&T Lab

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

   Certification: N/A Type
   Responsibility
   (None) M&T □ RE □ Both
   (None) M&T □ RE □ Both
   (None) M&T □ RE □ Both
   □ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Guardrail, Steel Post & Block

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
<th>Status</th>
<th>Expired</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>3.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Guardrail</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification Type</th>
<th>N/A</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Responsibility</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
<td>Inspection Type(s): Guardrail</td>
<td></td>
</tr>
<tr>
<td>Small Quantity</td>
<td>If temporary less than 200 LF.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Brand Certification - Must come with Bill of Lading</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guiderail, Cable

General
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** English
- **Facility Type:** Guardrail
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

**Small Quantity:** If temporary less than 200 feet

**Other Reports:** Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>80,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details

**Technician Certifications:** (None)

Test Formats

1. Cable Guide Rail Test - Version 3

**Owning Lab:** Physical Lab

**IA Type:** None

**Metric/English Code:** English

**Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Guiderail, Cable

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Guardrail
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required
Responsibility
Type
3: Manufacturer's Certification
(M&T)
(RE)
(Both)

Small Quantity: If temporary less than 200 feet
Other Reports: Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 24,400.00 Project Personnel M&T Lab

Sample Comment: See Brand Certification Program for details

Technician Certifications: (None)

Test Formats
1. Cable Guide Rail Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guiderail, Cable

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 4.00
From Date: 03/19/2003
To Date: 03/19/2003

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Guardrail
Small Quantity: ☑ If temporary less than 200 feet
Other Reports: Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Certification:
Type: Required
Responsibility
3: Manufacturer's Certification
(3: (None)
(3: M&T  RE  Both
(3: M&T  RE  Both

M&T 913 Report (Steel)

Testing Requirements
Test Category: Verification
Sample Frequency: 24,400.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab
Sample Comment: See Brand Certification Program for details

Technician Certifications: (None)

Test Formats
1. Cable Guide Rail Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/19/2003
Performed By: twittington
Check In Comment: Update to Cable Guiderail Sampling Frequency.
**Guiderail, Cable**

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 01/17/2003
- **To Date:** 01/17/2003
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>Required</td>
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</tbody>
</table>

**Certification:** Required

**Responsibility**

- **Type:**
  - 3: Manufacturer's Certification
  - (None)

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>RE</td>
<td>RE Lab</td>
</tr>
<tr>
<td>Both</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Inspection Type(s):** Guardrail

- **Small Quantity:**
  - If temporary less than 200 feet

**Other Reports:**
- Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>600.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

See Brand Certification Program for details

**Technician Certifications:**
- (None)

### Test Formats

1. **Cable Guide Rail Test (Metric) - Version 1**

   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/17/2003
**Performed By:** rpace
**Check In:** changed cable guiderail to pretest optional
**Comment:**

### Guiderail, Cable

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Guardrail</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest                  | N/A                                      |
| Alt ID Matching          | (None)                                   |
| Sample/Test              | Optional                                 |
| Approved List            | N/A                                      |
| Visual Inspection        | N/A                                      |
| Catalog Cut             | N/A                                      |
| Field Inspection         | Required                                 |

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>[ ] M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

**Testing Responsibility:** M&T Lab

**Small Quantity:** If temporary less than 200 feet

**Other Reports:** Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>600.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details

**Technician Certifications:** (None)

#### Test Formats

1. Cable Guide Rail Test (Metric) - Version 1

   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/30/2001  
**Performed By:** rpace  
**Check In:** changed cable guardrail to fir  
**Comment:**

---
Guiderail, Cable

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Guardrail

Status: History
Version: 2.00
From Date: 01/17/2003 To Date: 01/17/2003

Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional

Certification: Required
3: Manufacturer's Certification
(Both)
(Both)
(Both)

Responsibility
M&T
RE

M&T 913 Report (Steel)

Field Inspection: Required
Inspection Type(s): Guardrail

Small Quantity: Yes
If temporary less than 200 feet

Other Reports:
Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 2,000.00 M&T Lab M&T Lab

Sample Comment:
See Brand Certification Program for details

Technician Certifications: (None)

Test Formats

1. Cable Guide Rail Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/17/2003
Performed By: rpace
Check In Changed pretest on cable guiderail to optional.
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Guiderail, Cable

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 2.01
From Date: 07/18/2005 To Date: 09/23/2006

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Small Quantity: ☑ If temporary less than 200 feet

Other Reports: Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Certification:
Type: Required
Responsibility: 3: Manufacturer's Certification

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

☑ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 80,000.00 Project Personnel M&T Lab

Sample Comment: See Brand Certification Program for details

Technician Certifications: (None)

Test Formats
1. Cable Guide Rail Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: changed default auth. lab on cable guiderail to physical
Comment: from field.-rkp
Guiderail, Cable

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Default Auth Lab: Physical Lab
Project Certification: Critical

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required
Type: 3: Manufacturer's Certification
Responsibility

M &T RE Both
M &T RE Both
M &T RE Both

Field Section

Optional

Testing Requirements
Test Category: Verification
Sample Frequency: 80,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: See Brand Certification Program for details
Technician Certifications: (None)

Test Formats
1. Cable Guide Rail Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guiderail, Cable

General

Group: Guardrail
How Received: Material Receipt
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required

Responsibility

3: Manufacturer's Certification
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T RE Both

Inspection Type(s): Guardrail

Small Quantity: ☑ If temporary less than 200 feet

Other Reports: Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 80,000.00 | Project Personnel | M&T Lab

Sample Comment: See Brand Certification Program for details

Technician Certifications: (None)

Test Formats

1. Cable Guide Rail Test - Version 3
   Owner Lab: Physical Lab
   Metric/English Code: English
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guiderail, Cable

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Guardrail
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 4.01
From Date: 07/18/2005 To Date: 09/23/2006

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: If temporary less than 200 feet

Other Reports: Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
 Verification 24,400.00 Project Personnel M&T Lab

Sample Comment: See Brand Certification Program for details

Technician Certifications: (None)

Test Formats

1. Cable Guide Rail Test (Metric) - Version 1
   
   Owning Lab: Physical Lab
   Metric/English Code: Metric
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: changed default auth. lab on cable guiderail to physical
c
Comment: from field - rkp
Guiderail, Cable, Hardware

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
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<tr>
<td>Facility Type</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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<tr>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</table>

### Small Quantity:

- If temporary less than 200 feet

### Other Reports:

- Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details

### Technician Certifications:

- (None)

### Test Formats

1. **Cable Guide Rail Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Cable Guide Rail Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** changed cable guardrail to fir

**Comment:**
## Guiderail, Cable, Hardware

### General
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Both
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

### Certification
- **Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both

- **3: Manufacturer's Certification**
  - (None)
  - (None)

- **M&T 913 Report (Steel)**

### Small Quantity
- If temporary less than 200 feet

### Other Reports
- Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details

**Technician Certifications:** (None)

### Test Formats
1. **Cable Guide Rail Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Cable Guide Rail Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guiderail, Cable, Hardware

General

Group: Guardrail
How Received: Material Receipt
Metric/English: Both
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required

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<td>M&amp;T</td>
</tr>
</tbody>
</table>

Responsibility: Field Section

Small Quantity: If temporary less than 200 feet

Other Reports: Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

Testing Requirements

<table>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
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Sample Comment: See Brand Certification Program for details

Technician Certifications: None

Test Formats

1. Cable Guide Rail Test - Version 3
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Cable Guide Rail Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Guiderail, Cable, Hardware

<table>
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<tr>
<td>Metric/English:</td>
<td>Both</td>
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<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

| Certification: | Required |
| Type: | Responsibility |
| 3: Manufacturer's Certification | M & T RE Both |
| (None) | M & T RE Both |
| (None) | M & T RE Both |

- M&T 913 Report (Steel)

| Small Quantity: | If temporary less than 200 feet |
| Other Reports: | Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required |

### Testing Requirements

**Sample Comment:** See Brand Certification Program for details

**Technician Certifications:** (None)

### Test Formats

1. **Cable Guide Rail Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Cable Guide Rail Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones

**Check In:** In step changes

**Comment:**
## Guiderail, Cable, Hardware

### General
- **Group:** Steel
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Guardrail
- **Small Quantity:** Yes: If temporary less than 200 feet
- **Other Reports:** Brand Certification Program - Must Come with Bill Of Lading; Prepayment Invoice Required

### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

### Techniques
- **Technician Certifications:** (None)

### Test Formats
1. **Cable Guide Rail Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Cable Guide Rail Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
## Incidental Precast Concrete Items

### General
- **Group:** Precast
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **From Date:** 04/10/2013
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

- **Inspection Type(s):** Precast Concrete

### Testing Requirements
- **Test Category:** Pretest
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.
- **Technician Certifications:** (None)

### Certification Requirements
- **Type:** Required
- **Responsibility:**
  - 6: Supplier's Certification
    - (None)
  - M&T
  - RE
  - Both

### Notes
- **Action Date:** 04/10/2013
- **Performed By:** rpace
- **Check In:** New MSG 2012 Precast
- **Comment:**
Incidental Precast Concrete Items

General

- **Group:** Precast
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.03
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

<table>
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<tr>
<th>Certification</th>
<th>Required</th>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>(None)</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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<td>M&amp;T Field</td>
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</table>

- **Inspection Type(s):** Precast Concrete

Testing Requirements

- **Test Category:** Pretest
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

Action Date: 04/10/2013

Performed By: rpace

Check In: beats me

Comment:
Incidental Precast Concrete Items

### General

<table>
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<th>Group</th>
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<td>From Date</td>
<td>04/10/2013</td>
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<tr>
<td>Facility Type</td>
<td>Precast Concrete</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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<th>3: Manufacturer's Certification</th>
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<td>Approved List</td>
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<td>Visual Inspection</td>
<td>Required</td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td>M&amp;T</td>
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<tr>
<td>Field Inspection</td>
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<td>M&amp;T</td>
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### Testing Requirements

<table>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

**Action Date:** 10/16/2017

**Performed By:** fdward

**Check In:** Removed Precast FIR as Required

**Comment:**
# Incidental Precast Concrete Items

## General
- **Group:** Precast
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.01
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **From Date:** 04/10/2013
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
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</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

## Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
  - (None)

- **M&T 913 Report (Steel)**

---

**Check In:** changed cert types

**Comment:**

---

**Action Date:** 11/14/2013

**Performed By:** rpace
## Incidental Precast Concrete Items

### General
- **Status:** Expired
- **Version:** 1.02
- **From Date:** 04/10/2013
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

### Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
  - (None)
  - (None)
  - M&T
  - RE
  - Both

### Testing Requirements
- **Test Category:** Pretest
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

### Sample Comment:
1 set of cylinders per day of operations, per strength requirements.

### Technician Certifications:
(None)

### Action Date:
01/13/2014

### Performed By:
rpace

### Check In
Changed to correct Pretest status.

### Comment:
Incidental Stone Base

General

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<td>MSG Responsibility:</td>
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Methods of Acceptance

Pretest: Optional  
Alt ID Matching: No Match  
Sample/Test: Optional  
Approved List: Required  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  
Other Reports:  

Certification: N/A  

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for Sample Freq. QUAL: 1 pair of samples (A&B) per 1000 tons or fraction. Each sample minimum 70 lbs. DENSITY: 32 ft width or less, 1 per 1000 linear ft. More than 32 ft width, 1 per 3000 sq yd.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Incidental Stone Base

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 5,000.00 | Project Personnel | M&T Lab
Quality Control | 1,000.00 | Project Personnel | M&T Lab
Quality Assurance | 5,000.00 | Project Personnel | M&T Lab

Sample Comment: See appropriate QC/QA manual for Sample Freq. QUAL: 1 pair of samples (A&B) per 1000 tons or fraction. Each sample minimum 70 lbs. DENSITY: 32 ft width or less,1 per 1000 linear ft. More than 32 ft width,1 per 3000 sq yd.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 02/18/2011
Performed By: rpace
Check In: Corrected Approved list
Comment:
Incidental Stone Base

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab
Status: Current
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 2,000.00 | Producer/Supplier | M&T Lab
Quality Assurance | 6,000.00 | M&T Field | M&T Lab

Sample Comment: See appropriate QC/QA manual for Sample Freq. No project Acceptance Samples required. May take verification samples at 1 per 2500 tons.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
## Incidental Stone Base

### General
- **Group**: Aggregate
- **Status**: History
- **Version**: 2.01
- **From Date**: 07/18/2001
- **To Date**: 09/23/2006
- **How Received**: Ticket
- **Metric/English**: Metric
- **Facility Type**: (None)
- **Default Auth Lab**: Central GeoMaterials Lab
- **Project Certification**: Minor
- **MSG Responsibility**: Soils Lab

### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: False

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 11/15/2006
**Performed By**: conv
**Check In**: Incidental Stone Base (Metric) - added QA & QC Test
**Comment**: Category
### Incidental Stone Base

#### General
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Samples Comment:** See appropriate QC/QA manual for Sample Freq. QUAL: 1 pair of samples (A&B) per 1000 tons or fraction. Each sample minimum 70 lbs. DENSITY: 32 ft width or less, 1 per 1000 linear ft. More than 32 ft width, 1 per 3000 sq yd.

**Technician Certifications:** (None)

---

**Check In:** Changed Incidental Stone Base - approved list.

**Action Date:** 11/15/2006

**Performed By:** conv
## Incidental Stone Base

### General
- **Group:** Aggregate
- **Status:** Current
- **How Received:** Ticket
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>(None)</td>
<td>RE</td>
<td>Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>N/A</td>
<td>N/A</td>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:
- **Incidental Stone Base (Metric) - added QA & QC Test**

### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** QC/QA Aggregate Sampling Technician

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Incidental Stone Base (Metric) - added QA & QC Test  
**Comment:** Category
Incidental Stone Base

General
Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 5,000.00 | Project Personnel | M&T Lab

Sample Comment:

Technician Certifications:
Type | Certification(s)
--- | ---
Sampling | QC/QA Aggregate Sampling Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/18/2001
Performed By: rpace
Check In: Changed Incidental Stone Base approved plant type from coarse aggregate to none.
# Incidental Stone Base

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
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</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Sample Frequency</td>
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<tr>
<td>Sampling Responsibility</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
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</table>

**Sample Comment:**

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>QC/QA Aggregate Sampling Technician</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/17/2001  
**Performed By:** rpace  
**Check In:** Added Incidental Stone Base - Metric  
**Comment:**
Incidental Stone Base

General

Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See appropriate QC/QA manual for Sample Freq. QUAL: 1 pair of samples (A&B) per 1000 tons or fraction. Each sample minimum 70 lbs. DENSITY: 32 ft width or less, 1 per 1000 linear ft. More than 32 ft width, 1 per 3000 sq yd.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Inlet Protection At Temporary Slope Drains

General
Group: Asphalt
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Status: Archive
Version: 1.00
From Date: 01/01/1999
To Date: 06/25/2012

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
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</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>N/A</td>
<td>N/A</td>
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Certification: N/A

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<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Other Reports: Reports as required by NC DOT "HMA/QMS Manual"

Testing Requirements
Sample Comment: See Latest Copy of NC DOT HMA/QMS Manual
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Action Date: 01/01/1999
Performed By: fmoody
Check In: Inlet Protection At Temporary Slope Drains (Both) - Changed How Received to Not Received.; [ARCHIVE] rkp
Joint Filler

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>(None)</td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required</th>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>Required</td>
<td>M &amp; T</td>
<td>Both</td>
</tr>
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</table>

- [ ] M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>One - 1/3 sq. meter piece.</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012  
Performed By: dimiller  
Check In  
Comment:
Joint Filler

General

Group: Miscellaneous  Status: History
How Received: Not Received  Version: 1.01
Metric/English: Metric  From Date: 04/16/2004  To Date: 09/23/2006
Facility Type: (None)  
Default Auth Lab: Chemical Lab  Project Certification: Minor
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  9,290.00  Project Personnel  M&T Lab

Sample Comment: One - 1/3 sq. meter piece.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Joint Filler (Metric) - Changed How Received to Not Received and Project Certification to Minor.
Joint Filler

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
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<tr>
<td>Metric/English</td>
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<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest                   | N/A                     |
| Alt ID Matching           | (None)                  |
| Sample/Test               | Optional                |
| Approved List             | N/A                     |
| Visual Inspection         | N/A                     |
| Catalog Cut               | N/A                     |
| Field Inspection          | N/A                     |
| Small Quantity            |                         |

Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
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</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,290.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - 1/3 sq. meter piece.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Joint Filler (Metric) - Changed How Received to Not Received and Project Certification to Minor.
Joint Filler

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 1.00
From Date: 01/03/2000 To Date: 01/03/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>(None)</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
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</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Verification | 9,290.00 | Project Personnel | M&T Lab

Sample Comment: One - 1/3 sq. meter piece.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/03/2000
Performed By: rpace
Check In: Filled in Sampling Resp. and Testing Resp. field.
Comment:
### Joint Filler

**General**

- **Group:** Miscellaneous  
- **Status:** Expired
- **How Received:** Not Received  
- **Version:** 1.00
- **Metric/English:** English  
- **From Date:** 01/01/1999  
- **Facility Type:** (None)
- **To Date:** 12/31/2075
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

**Certification:**

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
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<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

- ☑ M&T 913 Report (Steel)

**Testing Requirements**

- **Test Category:** Verification
- **Sample Frequency:** 100,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** One sq. ft. sample.
- **Technician Certifications:** (None)

**Test Formats**

1. Expansion Joint Filler - Version 3

- **Owning Lab:** Chemical Lab
- **Metric/English Code:** Both
- **IA Type:** None
- **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 01/01/1999  Performance By: fmoody*

*Check In: Joint Filler (English) - Changed How Received to Not Received and Project Certification to Minor.*
**Joint Filler**

**General**
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Testing Requirements**

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<thead>
<tr>
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<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

**Sample Comment:** One sq. ft. sample.

**Technician Certifications:** (None)

**Test Formats**
1. Expansion Joint Filler - Version 3

   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

**Certification**
- Required
- Type
- Responsibility
  - 3: Manufacturer's Certification
    - (None)
    - M&T
    - RE
    - Both
    - M&T
    - RE
    - Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
Joint Material, Flexible Plastic, for Pipe Culverts

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both

   Certification: Required
   Type
   Responsibility
   6: Supplier's Certification
   (None)
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
# Joint Material, Flexible Plastic, for Pipe Culverts

## General

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<th>To Date</th>
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<td>04/16/2004</td>
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<th>Project Certification</th>
<th>MSG Responsibility</th>
<th>How Received</th>
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## Methods of Acceptance

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<th>Sample/Test</th>
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<th>Other Reports</th>
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### Certification

<table>
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<tr>
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- **M&T 913 Report (Steel)**

## Testing Requirements

<table>
<thead>
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<th>Sample Frequency</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
<td>Other</td>
</tr>
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</table>

### Sample Comment:

- Technician Certifications: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Joint Material, Flexible Plastic, for Pipe Culverts (Both)  
**Comment:** Changed How Received to Not Received.
Joint Material, Flexible Plastic, for Pipe Culverts

**General**
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approval List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**
- **Test Category:** Acceptance
- **Sample Frequency:** 100,000.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** Other

**Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**
1. Field Section Miscellaneous Test - Version 3
- **Owning Lab:** Field Section
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---
**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Joint Material, Flexible Plastic, for Pipe Culverts (Both) -
**Comment:** Changed How Received to Not Received.
# Joint Material, Flexible Plastic, for Pipe Culverts

## General

<table>
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<th>Field</th>
<th>Value</th>
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<tbody>
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<td>Group</td>
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<td>Metric/English</td>
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<td>Project Certification</td>
<td>Minor</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

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<tr>
<td>Sample/Test</td>
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<td>Catalog Cut</td>
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### Testing Requirements

<table>
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<th>Value</th>
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<tbody>
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<tr>
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<tr>
<td>Sampling Responsibility</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Testing Responsibility</td>
<td>Other</td>
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</table>

### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date

04/15/2004

### Performed By

fmoody

### Check In

Joint Material, Flexible Plastic, for Pipe Culverts - Certification Required.
Joint Material, Flexible Plastic, for Pipe Culverts

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 10/15/1997  To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   
   Certified: N/A
   Type: N/A
   Responsibility:
   (None)
   (None)
   (None)
   
   M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Joint Material, Flexible Plastic, for Pipe Culverts

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ✓
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013  Performed By: rpace
Check In New MSG Groups 2013
Comment:
Joint Material, Other, for Pipe Culverts

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
 Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
6: Supplier's Certification
   (None)
   (None)
Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
# Joint Material, Other, for Pipe Culverts

## General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:**

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
<td>Other</td>
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**Sample Comment:**

**Technician Certifications:** (None)

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>M &amp; T</td>
<td>RE</td>
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**Performed By:** conv

**Check In:** Joint Material, Other, for Pipe Culverts - Certification

**Comment:** Required.
Joint Material, Other, for Pipe Culverts

General
- Group: Miscellaneous
- How Received: Not Received
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Minor
- MSG Responsibility: Field Section

Status:
- History
- Version: 1.00
- From Date: 10/15/1997
- To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: Pay Adj Required

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Certification: N/A
- Type
- Responsibility
  - (None)
  - M&T
  - RE
  - Both

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Joint Material, Other, for Pipe Culverts

General
Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Current
Version: 2.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
6: Supplier's Certification
   (None)
   (None)

Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

☐ M&T 913 Report (Steel)

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
### Joint Material, Other, for Pipe Culverts

**General**

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**Methods of Acceptance**

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**Testing Requirements**

<table>
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<tbody>
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</table>

**Sample Comment:**

- Technician Certifications: (None)

**Certification:**

- Required

**Type:**

- 6: Supplier's Certification
- (None)

**Responsibility:**

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

- ☐ M&T 913 Report (Steel)

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Joint Material, Other, for Pipe Culverts - Certification

**Comment:** Required.
## Joint Materials

### General
- **Group:** Asphalt
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

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<tr>
<th>Method</th>
<th>Details</th>
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<tbody>
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<tr>
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### Certification

<table>
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</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

#### Sample Comment:

- **Technician Certifications:** (None)

### Test Formats

1. **Hot Poured Rubber Asphalt - Version 9**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/21/1998
**Performed By:** twhittington
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Joint Materials

General
- Group: Asphalt
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Chemical Lab

Status:
- History
- Version: 1.00
- From Date: 09/21/1998
- To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Pay Adj Required

Testing Requirements
- Sample Comment:
  Technician Certifications: (None)

Test Formats
1. Hot Poured Rubber Asphalt - Version 9

  Owning Lab: Asphalt Lab
  IA Type: None

  Metric/English Code: Both
  Sample/Test Remarks:

Certification:
- Required
  Type:
  3: Manufacturer's Certification
    (None)
    (None)

  Responsibility:
  ☐ M&T ☑ RE ☐ Both
  ☐ M&T ☐ RE ☐ Both
  ☐ M&T ☐ RE ☐ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/21/1998
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Joint Materials, Bond Breaker

### General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification
- **Required Type:**
  - 6: Supplier's Certification
    - (None)
    - (None)
- **Responsibility**
  - M&T
  - RE
  - Both

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Joint Materials, Bond Breaker (Metric) - Changed How  
**Comment:** Received to Not Received.
### Joint Materials, Bond Breaker

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

#### Certification

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<tr>
<th>Certification</th>
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<tbody>
<tr>
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<tr>
<td>Type</td>
</tr>
<tr>
<td>Responsibility</td>
</tr>
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6: Supplier's Certification
- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:** (None)
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones

**Check In:** In step changes

**Comment:**

---
**Joint Materials, Bond Breaker**

### General

<table>
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<tr>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

### Methods of Acceptance

| Pretest                | N/A             |
| Alt ID Matching        | (None)          |
| Sample/Test            | N/A             |
| Approved List          | N/A             |
| Visual Inspection      | N/A             |
| Catalog Cut            | N/A             |
| Field Inspection       | N/A             |
| Small Quantity         |                 |
| Other Reports          |                 |

### Testing Requirements

| Sample Comment         | Joint Materials, Bond Breaker (English) - Changed How Received to Not Received. |
| Technician Certifications | (None)                          |

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoodys

**Check In:** Joint Materials, Bond Breaker (English) - Changed How Received to Not Received.
Joint Materials, Bond Breaker

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: 

Testing Requirements

Sample Comment: 
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Joint Materials, Bond Breaker

#### General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Joint Materials, Bond Breaker (Metric) - Changed How  
**Comment:** Received to Not Received.

---

### Certification

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<td>M &amp; T</td>
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- **M&T 913 Report (Steel)**
### Joint Materials, Bond Breaker

#### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006

- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance

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- **Certification:** M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:** Joint Materials, Bond Breaker (English) - Changed How Received to Not Received.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006 **Performed By:** conv

**Check In:** Joint Materials, Bond Breaker (English) - Changed How Received to Not Received.
## Joint Materials, Bond Breaker

### General
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Certification

<table>
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- [ ] M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** NEW 2013 MSG
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
Joint Materials, Bond Breaker

General

- **Group**: Miscellaneous
- **Status**: Correcting
- **Version**: 2.01
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075
- **How Received**: Material Receipt
- **Metric/English**: Metric
- **Facility Type**: (None)
- **Default Auth Lab**: Physical Lab
- **Project Certification**: Non-Critical
- **MSG Responsibility**: Physical Lab

Methods of Acceptance

- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: (None)
- **Other Reports**: M&T 913 Report (Steel)

Testing Requirements

- **Sample Comment**: (None)
- **Technician Certifications**: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
Joint Materials, Hot-Pour Asphalt

General

Group: Asphalt  Status: Current
How Received: Material Receipt  Version: 2.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Visual Inspection shall ensure that no separation has occurred in the material's container? Must be NTPEP evaluated. WWW.NTPEP.ORG

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<tr>
<td>(None)</td>
<td>M&amp;T  RE  Both</td>
</tr>
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</table>

M&T 913 Report (Steel)

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  45,000.00  Producer/Supplier  M&T Lab

Sample Comment: Sample size is 2 - 5 lb. box or can. Must be NTPEP evaluated.

Technician Certifications: (None)

Test Formats

1. Hot Poured Rubber Asphalt - Version 9

Owning Lab: Asphalt Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:
Joint Materials, Hot-Pour Asphalt

General
- Group: Asphalt
- Status: Current
- How Received: Not Received
- Version: 2.00
- Metric/English: Metric
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Minor
- MSG Responsibility: Chemical Lab

Methods of Acceptance
- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A

Testing Requirements
- Verification: 20,000.00
- Sample Frequency: Producer/Supplier
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Lab

Sample Comment:
Visual Inspection shall ensure that no separation has occurred in the material's container.

Other Reports: Visual Inspection shall ensure that no separation has occurred in the material's container.

Technician Certifications: (None)

Test Formats
1. Hot Poured Rubber Asphalt - Version 9

Owning Lab: Asphalt Lab
IA Type: None
Test Category: Verification
Sample Frequency: 20,000.00
Sampling Responsibility: Producer/Supplier
Testing Responsibility: M&T Lab

Metric/English Code: Both
Sample/Test Remarks:
## Joint Materials, Hot-Pour Asphalt

### General
- **Group:** Asphalt
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006
- **Metric/English:** Metric
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Visual Inspection** shall ensure that no separation has occurred in the material's container.

### Testing Requirements

#### Test Category
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Producer/Supplier</td>
<td>M&amp;T Lab</td>
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#### Sample Comment
See appropriate QC/QA manual for sample frequency. Sample size is 2 - 2 kg, box or can

#### Technician Certifications
- (None)

#### Test Formats
1. Hot Poured Rubber Asphalt - Version 9

<table>
<thead>
<tr>
<th>Owning Lab: Asphalt Lab</th>
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<tbody>
<tr>
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</table>

| Metric/English Code: Both |
| Sample/Test Remarks:     |
Joint Materials, Hot-Pour Asphalt

General

- **Group**: Asphalt
- **Status**: Expired
- **How Received**: Not Received
- **Metric/English**: English
- **Facility Type**: (None)
- **Default Auth Lab**: Chemical Lab
- **Project Certification**: Minor
- **MSG Responsibility**: Chemical Lab

Methods of Acceptance

- **Pretest**: Optional
- **Alt ID Matching**: No Match
- **Sample/Test**: Optional
- **Approved List**: N/A
- **Visual Inspection**: Required
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: None
- **Other Reports**: Visual Inspection shall ensure that no separation has occurred in the material's container.

Testing Requirements

- **Test Category**: Verification
- **Sample Frequency**: 45,000.00
- **Sampling Responsibility**: Producer/Supplier
- **Testing Responsibility**: M&T Lab

Sample Comment: See appropriate QC/QA manual for sample frequency. Sample size is 2 - 5 lb. box or can

Technician Certifications: (None)

Test Formats

1. **Hot Poured Rubber Asphalt - Version 9**

   - **Owning Lab**: Asphalt Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: None

Certification

- **Certification Type**: Required
- **Responsibility**:
  - 1: Certified Mill Test Report
    - (None)
    - (None)

   - M&T 913 Report (Steel)

Action Date: 01/01/1999
Performed By: fmoody

Check In: Joint Materials, Hot-Pour Asphalt (English) - Changed
Comment: How Received to Not Received and Project Certification to Minor.
**Joint Materials, Hot-Pour Asphalt**

**General**
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006

**How Received:** Not Received

**Facility Type:** (None)

**Default Auth Lab:** Chemical Lab

**Project Certification:** Minor

**MSG Responsibility:** Chemical Lab

**Methods of Acceptance**

| Pretest: | Optional |
| Alt ID Matching: | No Match |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | Required |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

**Small Quantity:** □

**Other Reports:** Visual Inspection shall ensure that no separation has occurred in the material's container.

**Certification:** Required

<table>
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<tbody>
<tr>
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**Testing Requirements**

<table>
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<tr>
<td>Verification</td>
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<td>Producer/Supplier</td>
<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** See appropriate QC/QA manual for sample frequency. Sample size is 2 - 5 lb. box or can

**Technician Certifications:** (None)

**Test Formats**

1. **Hot Poured Rubber Asphalt** - Version 9

**Owning Lab:** Asphalt Lab

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**
Joint Materials, Low-Modulus Silicone

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Correcting
Version: 1.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports:

Certification: Required
Type
6: Supplier's Certification
(Required)

Responsibility
M&T RE Both

Options:
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
### Joint Materials, Low-Modulus Silicone

#### General
- **Group**: Miscellaneous  
- **How Received**: Material Receipt  
- **Metric/English**: English  
- **Facility Type**: (None)  
- **Default Auth Lab**: Physical Lab  
- **Project Certification**: Non-Critical  
- **MSG Responsibility**: Physical Lab

#### Methods of Acceptance
- **Pretest**: N/A  
- **Alt ID Matching**: (None)  
- **Sample/Test**: N/A  
- **Approved List**: Required  
- **Visual Inspection**: N/A  
- **Catalog Cut**: N/A  
- **Field Inspection**: N/A  
- **Small Quantity**:  
- **Other Reports**: Must have been evaluated by NTPEP. WWW.NTPEP.ORG

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<tr>
<td>3: Manufacturer's Certification</td>
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- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment**:  
- **Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 02/14/2013  
**Performed By**: rpace  
**Check In**: NEW 2013 MSG  
**Comment**:  

---
Joint Materials, Low-Modulus Silicone

General

- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Certification

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- **M&T 913 Report (Steel)**

Testing Requirements

- **Test Category**
  - Verification
- **Sample Frequency**
  - 1,000.00
- **Sampling Responsibility**
  - Producer/Supplier
- **Testing Responsibility**
  - M&T Lab

Sample Comment:

- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmood

Check In: Joint Materials, Low-Modulus Silicone (Metric) - Changed
Comment: How Received to Not Received and Project Certification to Minor.
Joint Materials, Low-Modulus Silicone

General

<table>
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<tr>
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<tbody>
<tr>
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<td>Physical Lab</td>
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Methods of Acceptance

| Pretest:               | N/A           |
| Alt ID Matching:       | (None)        |
| Sample/Test:           | Optional      |
| Approved List:         | N/A           |
| Visual Inspection:     | N/A           |
| Catalog Cut:           | N/A           |
| Field Inspection:      | N/A           |
| Small Quantity:        |              |

Other Reports:

Certification: Required

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<tbody>
<tr>
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<td>M&amp;T  RE Both</td>
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M&T 913 Report (Steel)

Testing Requirements

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Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody

Check In: Joint Materials, Low-Modulus Silicone (English) - Changed
Comment: How Received to Not Received and Project Certification to Minor.
Joint Seal, Preformed Neoprene

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment: No sample - Accepted by certification
Technician Certifications: (None)

Test Formats

1. Neoprene Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
Joint Seal, Preformed Neoprene

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Archive
Version: 3.00
From Date: 06/26/2012
To Date: 06/26/2012

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:

Testing Requirements
Sample Comment: No sample - Accepted by certification
Technician Certifications: (None)

Test Formats
1. Neoprene Test - Version 3
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Test Format Remarks:
   M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/25/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Joint Seal, Preformed Neoprene

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Archive
Version: 3.00
From Date: 06/26/2012
To Date: 06/26/2012

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Testing Requirements
Sample Comment: No sample - accepted by certification
Technical Certifications: (None)

Test Formats
1. Neoprene Test - Version 3
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Certification: Required

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<tr>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Joint Seal, Preformed Neoprene

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 04/16/2004
To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Testing Requirements
Sample Comment: No sample - accepted by certification
Technician Certifications: (None)

Test Formats
1. Neoprene Test - Version 3
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:
   Certification: Required Type
   Responsibility
   6: Supplier's Certification
   (None)
   (None)
   M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Joint Seal, Preformed Neoprene

### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/16/2004  
  **To Date:** 09/23/2006
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

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### Testing Requirements
- **Sample Comment:** No sample - Accepted by certification
- **Technician Certifications:** (None)

### Test Formats
1. Neoprene Test - Version 3
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Certification

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### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date:
11/15/2006

### Performed By:
conv

### Check In:
Joint Seal, Preformed Neoprene (English) - Changed How Received to Not Received.

### Comment:
Received to Not Received.
Joint Seal, Preformed Neoprene

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements
Sample Comment: No sample - accepted by certification
Technician Certifications: (None)

Test Formats
1. Neoprene Test - Version 3
Owning Lab: Physical Lab
IA Type: None

Certification: Required Type
6: Supplier's Certification
(Non) M&T RE Both
(Non) M&T RE Both
M&T RE Both

Responsibility

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000 Performed By: thjones
Check In: In step changes Comment:
## Joint Seal, Preformed Neoprene

### General
- **Group:** Miscellaneous
- **Status:** Archive
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 06/25/2012
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

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<td>Field Inspection</td>
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</table>

#### Certification
- **Type:** Required
- **Responsibility:**
  - 6: Supplier's Certification
    - M&T
    - RE
    - Both
    - (None)

#### Sample/Test Remarks:
- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

### Test Formats

1. Neoprene Test - Version 3
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date
- **01/01/1999**

### Performed By
- **fmoodly**

### Check In
- **Joint Seal, Preformed Neoprene (Metric) Changed How Received to Not Received.**

### Comment
- **Received to Not Received.**
Joint Seal, Preformed Neoprene

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: Required

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</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: No sample - Accepted by certification
Technician Certifications: (None)

Test Formats

1. Neoprene Test - Version 3

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Landscape Materials

General
Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Witchweed certificate

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required Type
6: Supplier's Certification
Other (None)
M&T 913 Report (Steel)

Responsibility
☐ M&T ○ RE ○ Both
☐ M&T ○ RE ○ Both
☐ M&T ○ RE ○ Both
## Landscape Materials

### General
- **Group:** Landscape
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Yes
- **Other Reports:** Witchweed certificate

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification
- **Required**
  - **Type:** M & T
  - **Responsibility:**
    - 6: Supplier's Certification
    - (None)
    - (None)
    - M & T 913 Report (Steel)

---

**Action Date:** 02/14/2013  
**Performed By:** rpace

**Check In:** NEW 2013 MSG  
**Comment:**
### Landscape Materials

#### General
- **Group:** Landscape
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance

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- **Certification:** M & T 913 Report (Steel)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Witchweed certificate

#### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Landscape Materials

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### Methods of Acceptance

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### Certification

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### Testing Requirements

<table>
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<tbody>
<tr>
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# Landscape Materials

## General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Witchweed certificate

## Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification
- **Type:** Required
- **Responsibility**
  - 6: Supplier's Certification
    - (None)
  - M&T
    - RE
    - Both
  - (None)

- [ ] M&T 913 Report (Steel)
## Landscape Materials

### General

<table>
<thead>
<tr>
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### Methods of Acceptance

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### Testing Requirements

**Sample Comment:** New MSG 2013

**Technician Certifications:** (None)
### Landscape Materials

**General**
- **Group:** Landscape
- **Status:** Current
- **Version:** 2.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

**Methods of Acceptance**

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<td>Visual Inspection:</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Witchweed certificate</td>
</tr>
</tbody>
</table>

**Testing Requirements**

**Sample Comment:**
- **Technician Certifications:** (None)

**Certification:**
- **Type:** Required

<table>
<thead>
<tr>
<th>Certification:</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Action Date:** 02/27/2013
- **Performed By:** rpace
- **Check In:** New MSG Groups 2013
- **Comment:**
Landscape Materials

General

Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: ❑
Other Reports: Witchweed certificate; Prepayment Invoice Required; Pay Adj Required

Certification: Required
Type
7: Contractor's Certification
(None)
(Non)

Responsibility
☐ M&T • RE ○ Both
☐ M&T ○ RE ○ Both
☐ M&T ○ RE ○ Both

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)
### Landscape Materials

#### General
- **Group:** Landscape  
- **Status:** Expired
- **How Received:** Material Receipt  
- **Version:** 2.00
- **Metric/English:** English  
- **From Date:** 01/01/1999  
- **Facility Type:** (None)
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
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</table>

#### Testing Requirements

- **Small Quantity:** 
- **Other Reports:** Witchweed certificate
- **Sample Comment:** 
- **Technician Certifications:** (None)

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Required</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
<td></td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
<td></td>
</tr>
</tbody>
</table>

---

**Action Date:** 01/01/1999  
**Performed By:** v5conv

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
Landscape Materials

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.00
From Date: 10/15/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Witchweed certificate; Prepayment Invoice Required; Pay Adj Required

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>7: Contractor's Certification</td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td></td>
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<tr>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment:

Technician Certifications: (None)
Landscape Materials

General
Group: Landscape  Status: Expired
How Received: Material Receipt  Version: 2.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)  Default Auth Lab: Field Section
Project Certification: Non-Critical  MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A  Alt ID Matching: (None)
Sample/Test: N/A  Approved List: N/A
Visual Inspection: Required  Catalog Cut: N/A
Field Inspection: N/A  Small Quantity: 
Other Reports: Witchweed certificate

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Certification: Required
Type

M&T  RE  Both
6: Supplier's Certification
Other (None)

M&T  RE  Both
M&T  RE  Both

M&T 913 Report (Steel)

Action Date: 02/14/2013  Performed By: rpace
Check In: New 2013 MSG
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Landscape Materials - Barriers

General
Group: Landscape
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Witchweed certificate

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Certification: Required
Type
6: Supplier's Certification
Other (None)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Action Date: 06/25/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Landscape Materials - Barriers

General

Group: Landscape
Status: Correcting
Version: 1.01
From Date: 01/01/1999  To Date: 12/31/2075

How Received: Not Received
Metric/English: Metric
Facility Type: (None)

Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Witchweed certificate

Testing Requirements

Sample Comment:

Technician Certifications: (None)

---

Action Date: 02/22/2012  Performed By: dimiller
Comment:
## Landscape Materials - Barriers

**General**
- **Group:** Landscape
- **Status:** Current
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

**How Received:** Not Received
**Metric/English:** Metric
**Facility Type:** (None)
**Default Auth Lab:** Field Section
**Project Certification:** Minor
**MSG Responsibility:** Roadside Environmental Traffic Engineering

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
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<tbody>
<tr>
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<td>N/A</td>
<td>N/A</td>
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<td>N/A</td>
<td>N/A</td>
<td>Witchweed certificate</td>
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</table>

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

**Testing Requirements**

**Sample Comment:** Landscape Materials - Barriers (Metric) - Changed How Received to Not Received.

**Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In** Landscape Materials - Barriers (Metric) - Changed How Received to Not Received.
Landscape Materials - Barriers

General

- **Group:** Landscape
- **Status:** Archive
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 06/25/2012
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Witchweed certificate

Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

Certification:

- **Required**
- **Type**
- **Responsibility**

- 6: Supplier's Certification
- (None)

- ☐ M&T 913 Report (Steel)

Action Date: 01/01/1999  Performed By: fmoody
Check In: Landscape Materials - Barriers (English) - Changed How Received to Not Received.
Comment: Received to Not Received.
## Landscape Materials, Temporary

### General
- **Group**: Landscape
- **Status**: Archive
- **Version**: 2.00
- **From Date**: 06/26/2012
- **To Date**: 06/26/2012
- **How Received**: Not Received
- **Metric/English**: Both
- **Facility Type**: (None)
- **Default Auth Lab**: Field Section
- **Project Certification**: Non-Critical
- **MSG Responsibility**: Roadside Environmental Traffic Engineering

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Certification:</th>
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<th>Responsibility</th>
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<tbody>
<tr>
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<td>Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Small Quantity: | ☐ |

### Testing Requirements

- **Sample Comment**: rkp; [ARCHIVE] rkp
- **Technician Certifications**: (None)

---

**Action Date**: 06/25/2012  
**Performed By**: rpace

| Check In | Comment: |
## Landscape Materials, Temporary

### General
- **Group:** Landscape
- **Status:** Archive
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 06/25/2012

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Method</th>
<th>Requirement</th>
<th>Certification</th>
<th>Responsibility</th>
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<tr>
<td>Pretest</td>
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<td>N/A</td>
<td>M&amp;T RE Both</td>
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<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Perfomed By:** v5conv

**Check In**

**Comment:**

**Action Date:** 01/01/1999
# Minimum Sampling Guide

## Latex, Liquid

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**

### Testing Requirements

#### Test Category
<table>
<thead>
<tr>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>6,000.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample per 6000 gallons delivered onsite in a 1/2 gal. wide mouth plastic container. If truck leaves project site new samples are required.

**Technician Certifications:** (None)

### Test Formats
1. **Paint - Version 10**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**

---
Latex, Liquid

General

- **Group**: Miscellaneous
- **Status**: Expired
- **Version**: 2.00
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075

**How Received**: Material Receipt

**Metric/English**: English

**Facility Type**: (None)

**Default Auth Lab**: Chemical Lab

**Project Certification**: Critical

**MSG Responsibility**: Chemical Lab

Methods of Acceptance

- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: 

**Testing Requirements**

**Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
--- | --- | --- | ---
Acceptance | 3,000.00 | M&T Lab | M&T Lab

**Sample Comment**: One sample in a 1/2 gal. wide mouth plastic container.

**Technician Certifications**: (None)

Testing Requirements

1. **Paint - Version 10**

   **Owning Lab**: Chemical Lab

   **IA Type**: None

   **Metric/English Code**: Both

   **Sample/Test Remarks**: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: fmoody

Check In: Latex, Liquid (English) - Changed Project Certification to Critical.
Latex, Liquid

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 10/15/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: Required
Type
3: Manufacturer's Certification

Responsibility

M &T RE Both
M &T RE Both

M &T 913 Report (Steel)

Testing Requirements
Sample Comment: One - 1/2 gallon plastic jar per lot, per pour.

Technician Certifications: (None)

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997 Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Latex, Liquid

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 11,350.00 M&T Lab M&T Lab

Sample Comment: One sample in a 2 liter plastic wide mouth container.

Technician Certifications: (None)

Test Formats
1. Paint - Version 10
   Owniong Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Latex, Liquid (Metric) - Changed Project Certification to Critical.
## Latex, Liquid

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>11,350.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample in a 2 liter plastic wide mouth container.

### Technician Certifications

- (None)

### Test Formats

1. Paint - Version 10

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
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<td>Chemical Lab</td>
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<tr>
<td>IA Type</td>
<td>None</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric/English Code</td>
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<tr>
<td>Sample/Test Remarks</td>
<td></td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/19/2002

Performed By: twittington

Check In: Correcting Test Category to Acceptance. TWW

Comment:
## Latex, Liquid

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approve List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

### Testing Requirements
- **Sample Comment:** One - 2 liter plastic jar per lot, per pour.
- **Technician Certifications:** (None)

### Test Formats
1. **Paint - Version 10**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Latex, Liquid

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Status: History
Version: 1.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Certification: Required

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<td>M&amp;T ○ RE ○ Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance 3,000.00 M&T Lab | M&T Lab

Sample Comment: One sample in a 1/2 gal. wide mouth plastic container.

Technician Certifications: (None)

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Latex, Liquid (English) - Changed Project Certification to Critical.
## Latex, Liquid

### General
- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Chemical Lab  
- **Status:** History  
- **Version:** 2.01  
- **From Date:** 04/16/2004  
- **To Date:** 09/23/2006

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** ☐

### Testing Requirements
- **Test Category**  
  - Paint - Version 10

  **Acceptance**  
  - **Sample Frequency:** 11,350.00  
  - **Sampling Responsibility:** M&T Lab  
  - **Testing Responsibility:** M&T Lab

  **Sample Comment:** One sample in a 2 liter plastic wide mouth container.

  **Technician Certifications:** (None)

### Test Formats
1. **Paint - Version 10**

  **Owning Lab:** Chemical Lab  
  **IA Type:** None  
  **Metric/English Code:** Both  
  **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Latex, Liquid (Metric) - Changed Project Certification to Critical.
**Comment:** Critical.
Latex, Liquid

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 6,000.00 Project Personnel M&T Lab

Sample Comment: One sample per 6000 gallons delivered onsite in a 1/2 gal. wide mouth plastic container. If truck leaves project site new samples are required.

Technician Certifications: (None)

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Latex, Liquid

**General**

<table>
<thead>
<tr>
<th>Group</th>
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<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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</table>

**Methods of Acceptance**

| Pretest  | N/A                              |
| Alt ID Matching | (None)                        |
| Sample/Test | Required                       |
| Approved List  | N/A                              |
| Visual Inspection | N/A                           |
| Catalog Cut    | N/A                              |
| Field Inspection | N/A                           |
| Small Quantity | ☐                                |
| Other Reports: |                                  |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>11,350.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

One sample in a 2 liter plastic wide mouth container.

**Technician Certifications:**

(None)

**Test Formats**

1. **Paint - Version 10**

   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012
**Performed By:** dimiller

**Check In**
**Comment:**
## Light Standard

### General

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Status

- **Version:** 4.00
- **From Date:** 06/26/2012
- **To Date:** 06/26/2012
- **Status:** Archive

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ✗

### Other Reports

- Call M&T for Galvanization Check; Shop Drawing Required; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>Pretest</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

### Sample Comment

- No samples - Poles accepted by certification, call M&T for galvanizing check

### Technician Certifications

- (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/25/2012  
**Performed By:** rpace

**Check In:** rkp; [ARCHIVE] rkp

**Comment:**
### Light Standard

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Archive
- **From Date:** 01/01/1999
- **To Date:** 06/25/2012
- **Version:** 3.00

#### Default Auth Lab:
- Structural Members - Steel

#### Project Certification:
- Critical

#### MSG Responsibility:
- Structural Members

#### Methods of Acceptance

<table>
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<th>Pretest</th>
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<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
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<th>Other Reports</th>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>(None)</td>
<td>Call M&amp;T for Galvanization Check; Shop Drawing Required; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** No samples - Poles accepted by certification, call M&T for galvanizing check

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** rpace

**Check In:** 1801 Blue Ridge Road

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Light Standard

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports: Call M&T for Galvanization Check; Shop Drawing Required; Prepayment Invoice Required

Certification: Required
Type
1: Certified Mill Test Report
   (None)
Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Sample Comment: No samples - Poles accepted by certification, call M&T for galvanizing check

Technician Certifications: (None)
### Light Standard

#### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.00
- **From Date:** 10/15/1997
- **To Date:** 12/11/1999

- **How Received:** Material Receipt
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</table>

#### Certification

- **Type:** Required
- **Responsibility:**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both

- M&T 913 Report (Steel)

#### Small Quantity
- Call M&T for Galvanization Check; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

#### Other Reports
- Call M&T for Galvanization Check; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

#### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Light Standard

**General**

- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)

- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members  

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<th>Certification</th>
<th>Required Type</th>
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<tr>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<td>M&amp;T</td>
<td>Both</td>
</tr>
<tr>
<td>Catalog Cut</td>
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<td>Small Quantity</td>
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<td>M&amp;T</td>
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</table>

**Other Reports:** Call M&T for Galvanization Check; Shop Drawing Required; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</table>

**Sample Comment:** No samples - Poles accepted by certification, call M&T for galvanizing check

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** 1801 Blue Ridge Road
**Comment:**
Light Standard, High Mount

General

<table>
<thead>
<tr>
<th>Group:</th>
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<td>Default Auth Lab:</td>
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Methods of Acceptance

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Inspection Type(s): Structural Steel

Certification: Required

<table>
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<tr>
<th>Type</th>
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</table>

Responsibility: M&T

Sample/Test: M&T 913 Report (Steel)

Other Reports: Stamped "NC DOT Approved"; Prepayment Invoice Required.
Provide certified computations and fabrication drawings by a professional engineer licensed in the State of North Carolina.

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: Pre-tested - M&T samples only. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
### Light Standard, High Mount

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** History
- **Version:** 1.00
- **From Date:** 10/15/1997
- **To Date:** 12/11/1999
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
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<th>Method</th>
<th>Requirement</th>
<th>Type</th>
<th>Responsibility</th>
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<td>M&amp;T, RE, Both</td>
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<td>Other Reports</td>
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<td>M&amp;T, RE, Both</td>
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</table>

#### Testing Requirements
- **Sample Comment:** Stamped "NC DOT Approved"; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Light Standard, High Mount

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required

<table>
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</table>

M&T 913 Report (Steel)

Testing Requirements

Test Category: Pretest
Sample Frequency: 1.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Lab

Sample Comment: Pre-tested - M&T samples only. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Light Standard, High Mount**

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.01
- **Metric/English:** Both
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

#### Certification
- **Type:** Required
- **Responsibility:**
  - † M&T
  - ○ RE
  - ○ Both
- **1:** Certified Mill Test Report
  - (None)
- **M &T 913 Report (Steel)**

#### Inspection Type(s)
- Structural Steel

### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Pretest | 1.00 | M&T Lab | M&T Lab

**Sample Comment:** Pre-tested - M&T samples only

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/30/2011  
**Performed By:** rpase

**Check In:** Added FIR required  
**Comment:**
### Light Standard, High Mount

#### General
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Small Quantity:** No
- **Other Reports:** Stamped "NC DOT Approved"; Shop Drawing Required; Prepayment Invoice Required

#### Certification
- **Certification:** Required
- **Type:**
  - 1: Certified Mill Test Report
    - (None)
  - M&T 913 Report (Steel)

#### Testing Requirements
- **Certification:**
  - M&T
  - RE
  - Both

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pre-tested - M&T samples only

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** rpace

**Check In:** Changed to coincide with new project certification

**Comment:** requirements. rkp
## Light Standard, High Mount

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Structural Steel</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pretest</td>
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<tr>
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<tr>
<td>Sample/Test</td>
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<tr>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
</tbody>
</table>

### Other Reports

- Stamped "NC DOT Approved"; Shop Drawing Required; Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment

- Pre-tested - M&T samples only

### Technician Certifications

- (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Light Standard, High Mount

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.01
From Date: 02/05/2003 To Date: 09/23/2006

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports: Stamped "NC DOT Approved"; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 M&T Lab M&T Lab

Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report
(Required)

Responsibility
M&T RE Both
M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006 Performed By: conv
Check In Changed to coincide with new project certification
Comment: requirements. rkp
## Lighting and Electrical Materials

### General
- **Group:** Miscellaneous
- **Status:** Correcting
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No samples - Accepted by certification
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

### Certification Requirements

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td></td>
<td>5: Typical Certified Test Reports (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012  
**Performed By:** dimiller  
**Check In:**  
**Comment:**
Lighting and Electrical Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 3.01
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No samples - Accepted by certification
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: No samples - Accepted by certification
Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
5: Typical Certified Test Reports
(No)

Responsibility
M&T  RE  Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Lighting and Electrical Materials

## General

- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>No</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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</table>

## Testing Requirements

- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
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<td></td>
</tr>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>5: Typical Certified Test Reports (None)</td>
<td>M&amp;T</td>
<td>RE</td>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>M&amp;T</td>
<td>RE</td>
</tr>
</tbody>
</table>

**M&T 913 Report (Steel)**
Lighting and Electrical Materials

General
Group: Lighting and Elect.
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: Prepayment Invoice Required

Certification:
- 3: Manufacturer's Certification
  - Type: M&T
  - Responsibility: Both
- 5: Typical Certified Test Reports
  - Type: M&T
  - Responsibility: Both

Testing Requirements
Sample Comment: No samples - Accepted by certification
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013  
Performed By: rpace  
Check In: New MSG 2013  
Comment:
**Lighting and Electrical Materials**

**General**
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No samples - Accepted by certification

**Testing Requirements**
- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

**Certification:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>5: Typical Certified Test Reports (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Lighting & Electrical Materials (Metric) - added Cert Types  
**Comment:** 3 and 5, added Approval Resp. - Project Personnel.
Lighting and Electrical Materials

General

- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: No samples - Accepted by certification
- Other Reports: Prepayment Invoice Required

Certification:

- Type: N/A
- Responsibility:
  - M&T
  - RE
  - Both

Testing Requirements

- Sample Comment: No samples - Accepted by certification
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/16/2004
Performed By: fmoody
Check In: Lighting and Electrical Materials (Metric) - Changed
Comment: Project Certification to Critical and How Received to Material Receipt.
Lighting and Electrical Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 10/15/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: N/A

Other Reports: Type 3 or Type 5 Cert may be requested.; Prepayment Invoice Required; Pay Adj Required

Certification: Required
Responsibility

Type
3: Manufacturer's Certification
M&T RE Both
5: Typical Certified Test Reports
M&T RE Both

Visual Inspection: Required
Catalog Cut: M&T 913 Report (Steel)

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Lighting and Electrical Materials

General

<table>
<thead>
<tr>
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<td>To Date:</td>
<td>12/31/2075</td>
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<td>Default Auth Lab:</td>
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<td></td>
</tr>
<tr>
<td>Project Certification:</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:       | N/A                                      |
| Alt ID Matching: | (None)                                   |
| Sample/Test:   | N/A                                      |
| Approved List: | N/A                                      |
| Visual Inspection: | N/A                                     |
| Catalog Cut:   | Required                                 |
| Field Inspection: | N/A                                    |
| Small Quantity: | ☐                                        |
| Other Reports: | Prepayment Invoice Required              |

Testing Requirements

| Sample Comment: | No samples - Accepted by certification |
| Technician Certifications: | (None) |

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T ☐ RE ☐ Both</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody

Check In | Lighting & Electrical Materials (English) - changed
Comment: Certification to Required, added Cert Types 3 and 5, added Certification for M&T 913 Report (Steel).
## Lighting and Electrical Materials

### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 2.00
- **From Date:** 04/16/2004
- **To Date:** 04/16/2004
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Sample/Test</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
<td>Required</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
</tbody>
</table>

- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/16/2004  
**Performed By:** fmoody

**Check In:** Lighting and Electrical Materials (English) - Changed  
**Comment:** Project Certification to Critical and How Received to Material Receipt.
**Lighting and Electrical Materials**

**General**
- **Group:** Miscellaneous
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** English
- **From Date:** 10/15/1997
- **Facility Type:** (None)
- **To Date:** 12/11/1999
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Type 3 or Type 5 Cert may be requested.; Prepayment Invoice Required; Pay Adj Required

**Certification**
- **Type:**
  - 3: Manufacturer’s Certification
  - 5: Typical Certified Test Reports
- **Responsibility:**
  - M&T
  - RE
  - Both

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Lighting and Electrical Materials

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** History
- **Version:** 2.01
- **From Date:** 09/30/2005
- **To Date:** 09/23/2006
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No samples - Accepted by certification
- **Other Reports:** Prepayment Invoice Required

#### Certification
- **Certification Type:** Required
- **Responsibility:**
  - 3: Manufacturer’s Certification
    - M&T
    - RE
    - Both
  - 5: Typical Certified Test Reports
    - M&T
    - RE
    - Both

#### Testing Requirements
- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Lighting & Electrical Materials (Both) - changed Cert Types 3 and 5, added Approval Resp - Project Personnel.
### Lighting and Electrical Materials

#### General
- **Group:** Miscellaneous
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Sample/Test</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
<td>Required</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
</tbody>
</table>

#### Testing Requirements
- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

#### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required</th>
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</thead>
<tbody>
<tr>
<td>Type</td>
<td>Responsibility</td>
</tr>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>5: Typical Certified Test Reports (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

- **Action Date:** 11/15/2006
- **Performed By:** conv
- **Check In:** Lighting & Electrical Materials (Metric) - added Cert Types
- **Comment:** 3 and 5, added Approval Resp. - Project Personnel.
Lighting and Electrical Materials

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No samples - Accepted by certification
- **Other Reports:** Prepayment Invoice Required

#### Certification
- **Certification:** Required
- **Type:**
  - 3: Manufacturer’s Certification
  - 5: Typical Certified Test Reports
- **Responsibility:**
  - M&T: ○
  - RE: ●
  - Both: ○

#### Testing Requirements
- **Sample Comment:** M&T 913 Report (Steel)
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  **Performed By:** conv

**Check In:** Lighting & Electrical Materials (English) - changed
**Comment:** Certification to Required, added Cert Types 3 and 5, deleted Visual Inspection - Project Personnel.

[XML file available]
Lighting and Electrical Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Status: Expired
Facility Type: (None)
Version: 3.00
Default Auth Lab: Structural Members - Steel
From Date: 01/01/1999
To Date: 12/31/2075
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No samples - Accepted by certification
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: No samples - Accepted by certification

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Lighting and Electrical Materials

### General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>Sample/Test</td>
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<tr>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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### Certification

<table>
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<th>Type</th>
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<tbody>
<tr>
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</tr>
<tr>
<td></td>
<td></td>
<td>M&amp;T RE Both</td>
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<td>M&amp;T RE Both</td>
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<tr>
<td></td>
<td></td>
<td>M&amp;T RE Both</td>
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</table>

<table>
<thead>
<tr>
<th>Box</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>No samples - Accepted by certification</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/16/2004  
Performed By: fmoody  
Check In: Lighting and Electrical Materials (Both) - Changed Project  
Comment: Certification to Critical and How Received to Material
Lighting and Electrical Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

From Date: 10/15/1997  
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: N/A

Other Reports: Type 3 or Type 5 Cert may be requested.; Prepayment Invoice Required; Pay Adj Required

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Technician Certifications: (None)

Note: Archive data come from Minimum Sampling Guide on v3.0

Action Date: 10/15/1997  
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Lighting and Electrical Materials

#### General

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
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<tr>
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<td>Metric/English</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
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<tr>
<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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#### Methods of Acceptance

<table>
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<tr>
<th>Field</th>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>Required</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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#### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Sample Comment</td>
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#### Certification

<table>
<thead>
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<th>Responsibility</th>
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<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>5: Typical Certified Test Reports (None)</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
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</tr>
<tr>
<td>☐ M&amp;T 913 Report (Steel)</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Lighting and Electrical Materials (Lump Sum)

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.01
From Date: 09/30/2005 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No samples - Accepted by certification
Other Reports: Prepayment Invoice Required

Certification: Required
Type
3: Manufacturer's Certification
5: Typical Certified Test Reports
   (None)
     
Responsibility
 M&T RE Both
 M&T RE Both
 M&T RE Both

 □ M&T 913 Report (Steel)

Testing Requirements
Sample Comment: No samples - Accepted by certification
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In Lighting & electrical Materials (Lump Sum) - added check
Comment: to Invoice Req by M&T for Prepay.
Lighting and Electrical Materials (Lump Sum)

General

Group: Landscape
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No samples - Accepted by certification
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: No samples - Accepted by certification
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>5: Typical Certified Test Reports (None)</td>
<td>M&amp;T  RE  Both</td>
</tr>
</tbody>
</table>

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
## Lighting and Electrical Materials (Lump Sum)

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T, RE, Both</td>
</tr>
<tr>
<td>5: Typical Certified Test Reports (None)</td>
<td>M&amp;T, RE, Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**
Lighting and Electrical Materials (Lump Sum)

General
Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 2.00
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: N/A  3: Manufacturer's Certification
Approved List: N/A  5: Typical Certified Test Reports
Visual Inspection: N/A  (None)
Catalog Cut: Required  Responsibility
Field Inspection: N/A  M&T  RE  Both
Small Quantity:  M&T 913 Report (Steel)
Other Reports: Prepayment Invoice Required  RE  Both

Testing Requirements
Sample Comment: No samples - Accepted by certification
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmood
Check In: Lighting & electrical Materials (Lump Sum) - added check
Comment: to Invoice Req by M&T for Prepay.
# Lighting and Electrical Materials (Lump Sum)

## General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

| Pretest | N/A |
| Alt ID Matching | (None) |
| Sample/Test | N/A |
| Approved List | N/A |
| Visual Inspection | N/A |
| Catalog Cut | Required |
| Field Inspection | N/A |

### Small Quantity
- No samples - Accepted by certification

### Other Reports
- M&T 913 Report (Steel)

### Certification
- **Type:** Required
- **3: Manufacturer's Certification**
  - M&T
  - RE
  - Both
- **5: Typical Certified Test Reports**
  - M&T
  - RE
  - Both

### Testing Requirements
- **Sample Comment:** No samples - Accepted by certification
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Masonry Cement

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Masonry Cement Test - Version 2
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Masonry Cement Test (Metric) - Version 1
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
### Masonry Cement

**General**
- **Group:** Miscellaneous  
- **Status:** Expired  
- **Version:** 2.00  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

- **How Received:** Not Received  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Minor  
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One sample per shipment  
  - IA - One 1/2 gallon/2 liter sample per project.

- **Technician Certifications:** (None)

#### Test Formats

1. **Masonry Cement Test - Version 2**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

2. **Masonry Cement Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Masonry Cement (Both) - Changed How Received to Not Received  
**Comment:** Received.
### Masonry Cement

#### General

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest:          | N/A                         |
| Alt ID Matching: | (None)                      |
| Sample/Test:     | N/A                         |
| Approved List    | N/A                         |
| Visual Inspection| N/A                         |
| Catalog Cut      | N/A                         |
| Field Inspection | N/A                         |
| Small Quantity   |                             |
| Other Reports    | Prepayment Invoice Required |

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

One sample per shipment

IA - One 1/2 gallon/2 liter sample per project.

**Technician Certifications:**

(None)

#### Test Formats

1. **Masonry Cement Test - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Masonry Cement Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Masonry Cement (Both) - Changed How Received to Not Received.

**Comment:** Received.
Masonry Cement

General

Group: Miscellaneous  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Both  From Date: 04/06/2000
Facility Type: (None)  To Date: 04/10/2000
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

History

1.00
From Date: 04/06/2000  To Date: 04/10/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: One sample per shipment
IA - One 1/2 gallon/2 liter sample per project.

Technician Certifications: (None)

Test Formats

1. Masonry Cement Test - Version 2
   - Owning Lab: Physical Lab
   - Metric/English Code: English
   - IA Type: None
   - Sample/Test Remarks:

2. Masonry Cement Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - Metric/English Code: Metric
   - IA Type: None
   - Sample/Test Remarks:

Certification: Required
Type
3: Manufacturer's Certification
   - Responsibility
   - M&T
   - RE
   - Both
   (None)
   (None)

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000  Performed By: Idebian
Check In: Changed default authorizing lab from Physical to Chemical.
### Masonry Cement

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Expired
- **Version:** 2.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

#### Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
    - M&T RE Both

#### Sample/Test Remarks:
- □ M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Masonry Cement Test - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Masonry Cement Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013
**Performed By:** rpace
**Check In:** New MSG Groups 2013
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Masonry Cement

General
Group: Cementitious Matl.  Status: Current
How Received: Material Receipt  Version: 2.04
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: (none)
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Masonry Cement Test - Version 2
   Owning Lab: Physical Lab
   Metric/English Code: English
   IA Type: None

2. Masonry Cement Test (Metric) - Version 1
   Owning Lab: Physical Lab
   Metric/English Code: Metric
   IA Type: None

Certification: Required
Type
Responsibility
3: Manufacturer's Certification
   (None)
   (None)
   □ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2013  Performed By: rpace
Check In  NEW MSG 2013
Comment:
### Masonry Cement

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
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<tr>
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</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

**Status:** Expired  
**Version:** 2.03  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
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<tr>
<td>Other Reports</td>
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</table>

#### Testing Requirements

**Sample Comment:**  
**Technician Certifications:** (None)

#### Test Formats

1. **Masonry Cement Test - Version 2**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

2. **Masonry Cement Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
Masonry Drainage Structures Steps

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: N/A
Type
(Not Available)
(Not Available)
(Not Available)
M&T 913 Report (Steel)

Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  999,999.00  M&T Lab  M&T Lab

Sample Comment: Check approved list
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Masonry Drainage Structures Steps

#### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006
- **How Received:** Not Received
- **Metric/English:** Both
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

#### Certification
<table>
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#### Testing Requirements
- **Test Category:** Acceptance
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** M&T Lab
  - **Testing Responsibility:** M&T Lab
- **Sample Comment:** Check approved list
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Masonry Drainage Structures Steps (Both) - Changed  
**Comment:** How Received to Not Received.
Masonry Drainage Structures Steps

General

Group: Miscellaneous  Status: Current
How Received: Material Receipt  Version: 2.03
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075

Facility Type: (None)  Project Certification: Non-Critical
Default Auth Lab: Physical Lab  MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type: N/A  Responsibility: (None)
Sample/Test: N/A  (None)  M&T  RE  Both
Approved List: Required  (None)  M&T  RE  Both
Visual Inspection: N/A  (None)  M&T  RE  Both
Catalog Cut: N/A  (None)  M&T  RE  Both
Field Inspection: N/A  M&T 913 Report (Steel)
Small Quantity: N/A

Other Reports:

Testing Requirements

Sample Comment: Check approved list
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/30/2014  Performed By: rpace
Check In:  wrong msg group changed from precast to misc.
Comment:
## Masonry Drainage Structures Steps

### General
- **Group:** Precast
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

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<td>Field Inspection</td>
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### Small Quantity

- **Check In:** Check approved list

### Test Report

- **Certification:** N/A

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</table>

- **M&T 913 Report (Steel)**

### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
## Masonry Drainage Structures Steps

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

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- **Certification:** N/A
- **Type:** (None)
- **Responsibility:** M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** Check approved list
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** New 2013 MSG
**Comment:**

**From Date:** 01/01/1999  **To Date:** 12/31/2075
## Masonry Drainage Structures, Steps for

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ❑
- **Other Reports:** Pay Adj Required

### Certification
- **Type:** N/A
- **Certification:**
  - (None)
  - (None)
  - (None)
- **Responsibility**
  - ☑ M&T RE Both
  - ☑ M&T RE Both
  - ☑ M&T RE Both

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/25/1997
**Performed By:** dgreene
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Masonry Lime

General

- **Group**: Miscellaneous
- **How Received**: Not Received
- **Metric/English**: Both
- **Facility Type**: (None)
- **Default Auth Lab**: Physical Lab
- **Project Certification**: Minor
- **MSG Responsibility**: Physical Lab

Methods of Acceptance

- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: No
- **Other Reports**: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
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<td>Project Personnel</td>
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</table>

**Sample Comment**:

- **ENGLISH**: One - 1/2 gallon sample per shipment.
- **METRIC**: One - 2 liter sample per shipment.

**Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 01/01/1999  
**Performed By**: fmood

**Check In**: Masonry Lime (Both) - Changed How Received to Not Received  
**Comment**: Received.
North Carolina Department of Transportation
Minimum Sampling Guide

Masonry Lime

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: N/A

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<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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</table>

☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment: ENGLISH: One - 1/2 gallon sample per shipment.

METRIC: One - 2 liter sample per shipment.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Masonry Lime

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category: Acceptance
Sample Frequency: 1,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment:
ENGLISH: One - 1/2 gallon sample per shipment.
METRIC: One - 2 liter sample per shipment.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Masonry Lime (Both) - Changed How Received to Not Received
Comment: Received.
## Masonry Lime

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

### Certification
- **Certification:** Required
- **Type:**
  - 3: Manufacturer's Certification
  - (None)
- **Responsibility:**
  - (None)

### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Acceptance | 1,000.00 | Project Personnel | M&T Lab

- **Sample Comment:**
  - ENGLISH: One - 1/2 gallon sample per shipment.
  - METRIC: One - 2 liter sample per shipment.

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
### Masonry Lime

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Current
- **Version:** 2.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

#### Certification

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- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
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<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:**
  - ENGLISH: One - 1/2 gallon sample per shipment.
  - METRIC: One - 2 liter sample per shipment.

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013
**Comment:**
# Minimum Sampling Guide

## Metal Alloy - For Chemistry

### General
- **Group:** Miscellaneous
- **Status:** History
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab
- **Version:** 2.00
- **From Date:** 07/22/2002
- **To Date:** 07/22/2002

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

#### Test Categories
- **Acceptance**
  - **Sample Frequency:** 100,000,000.00
  - **Sampling Responsibility:** M&T Field
  - **Testing Responsibility:** M&T Lab
  - **Sample Comment:** One 5/8" (15 mm) diameter minimum sample.
  - **Technician Certifications:** (None)

#### Test Formats
1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Aluminum Alloy 3XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 07/22/2002  
**Performed By:** twhilltton  
**Check In:** Simpler sample frequency.
### Test Formats

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<table>
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<th></th>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/22/2002  
**Performed By:** twhittington  
**Check In:** Simpler sample frequency.  
**Comment:**
Metal Alloy - For Chemistry

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100,000,000.00 | M&T Field | M&T Lab

Sample Comment: One 5/8" (15 mm) diameter minimum sample.

Technician Certifications: (None)

Test Formats
1. Aluminum Alloy - Version 9
   Owners Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Aluminum Alloy 2XXX - Version 5
   Owners Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

3. Aluminum Alloy 3XXX - Version 5
   Owners Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

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<th>No.</th>
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<tr>
<td>7.</td>
<td>Zinc Alloy - Version 12</td>
<td>None</td>
<td>Chemical Lab</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/27/2012  
**Performed By:** rpace  
**Check In:** rkp; [ARCHIVE] rkp  
**Comment:**
Metal Alloy - For Chemistry

General
Group: Miscellaneous
Status: History
How Received: Not Received
Version: 1.00
Metric/English: Both
From Date: 07/19/2002
Facility Type: (None)
To Date: 07/19/2002
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100,000,000.00 | M&T Field | M&T Lab

Sample Comment: One 1/2" (12.5 mm) diameter OR 1" (25 mm) length sample
Technician Certifications: (None)

Test Formats
1. Aluminum Alloy - Version 9
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Aluminum Alloy 2XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

3. Aluminum Alloy 3XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/19/2002
Performed By: twhittington
Check In: New Material Type for Chemical Checks of Alloys
Comment:
Test Formats

4. Aluminum Alloy 5XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

5. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

6. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

7. Zinc Alloy - Version 12
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/19/2002
**Performed By:** tw hit tington
**Check In:** New Material Type for Chemical Checks of Alloys
**Comment:**
## Metal Alloy - For Chemistry

### General
- **Group:** Miscellaneous
- **Status:** History
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 100,000,000.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Lab

- **Sample Comment:** One 5/8” (15 mm) diameter minimum sample.
- **Technician Certifications:** (None)

### Test Formats

1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

3. **Aluminum Alloy 3XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Metal Alloy - For Chemistry (Both) - Changed Project Certification to Minor.
## Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Aluminum Alloy SXXX - Version 5</td>
<td><strong>Owning Lab:</strong> Chemical Lab</td>
<td><strong>IA Type:</strong> None</td>
<td><strong>Metric/English Code:</strong> Both</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
<tr>
<td>5. Steel Alloy - Version 5</td>
<td><strong>Owning Lab:</strong> Chemical Lab</td>
<td><strong>IA Type:</strong> None</td>
<td><strong>Metric/English Code:</strong> Both</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
<tr>
<td>6. Steel Alloy_ - Version 5</td>
<td><strong>Owning Lab:</strong> Chemical Lab</td>
<td><strong>IA Type:</strong> None</td>
<td><strong>Metric/English Code:</strong> Both</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
<tr>
<td>7. Zinc Alloy - Version 12</td>
<td><strong>Owning Lab:</strong> Chemical Lab</td>
<td><strong>IA Type:</strong> None</td>
<td><strong>Metric/English Code:</strong> Both</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Metal Alloy - For Chemistry (Both) - Changed Project  
**Comment:** Certification to Minor.
Metal Alloy - For Chemistry

**General**
- **Group:** Miscellaneous
- **Status:** Archive
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 06/27/2012

**Facility Type:** (None)
**Default Auth Lab:** Chemical Lab
**Project Certification:** Minor
**MSG Responsibility:** Chemical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One 5/8" (15 mm) diameter minimum sample.

**Technician Certifications:** (None)

**Test Formats**

1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Aluminum Alloy 3XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Metal Alloy - For Chemistry (Both) - Changed Project Certification to Minor.
### Test Formats

1. **Aluminum Alloy 5XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

4. **Zinc Alloy - Version 12**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Metal Alloy - For Chemistry (Both) - Changed Project  
**Comment:** Certification to Minor.
## Metal Rail

### General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group:</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Status

- **From Date:** 09/08/2004
- **To Date:** 09/08/2004
- **History**
- **Version:** 4.00

### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
  - **Inspection Type(s):** Structural Steel

### Small Quantity

- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- No samples - when pre-approved
- If Chemical Lab testing is needed: 15.0 mm diameter minimum.

**Technician Certifications:** (None)

### Test Formats

1. **Clamp Bar Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/08/2004

**Performed By:** rpace

**Check In:** Changes Metal Rail to require FIR-rkp

**Comment:**
3. Steel Alloy_ - Version 5

   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Metal Rail

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 5.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 1.00 | M&T Field | M&T Field

Sample Comment: No samples - when pre-approved
If Chemical Lab testing is needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats

1. Clamp Bar Test - Version 5
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 01/01/1999
Performed By: rpace
Comment: changed metal rail pretest to n/a rkp
Check In:
Test Formats

3. Steel Alloy_ - Version 5

<table>
<thead>
<tr>
<th>Owner Lab</th>
<th>Chemical Lab</th>
<th>Metric/English Code</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>None</td>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: changed metal rail pretest to n/a rkp
Comment:
Metal Rail

General

Group: Steel  Status: Current  Version: 5.00  From Date: 01/01/1999  To Date: 12/31/2075
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel

Certification: Required
Type
1: Certified Mill Test Report
M &T  (None)
RE  (None)
Both

Responsibility
M &T  M &T  M&T  RE  RE  Both
RE  RE  RE  Both
Both

M&T 913 Report (Steel)

Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  1.00  M&T Field  M&T Field

Sample Comment: No samples if pre-inspected
If Chemical Lab testing is needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats

1. Clamp Bars Test (Metric) - Version 1
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Alloy - Version 5</td>
<td>Both</td>
<td>None</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** changed metal rail pretest to n/a rkp  
**Comment:**
Metal Rail

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Status: History
Version: 3.00
From Date: 05/01/2003
To Date: 05/01/2003

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: Required
Type 1: Certified Mill Test Report
Responsibility
- M&T
- RE
- Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 M&T Field M&T Field

Sample Comment: No samples - when pre-approved.
If Chemical Lab testing is needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats
1. Clamp Bar Test - Version 5
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/01/2003
Performed By: dgreene
Check In: Physical Lab runs the test
Comment:
Test Formats

3. Steel Alloy_ - Version 5

- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

<table>
<thead>
<tr>
<th>Action Date</th>
<th>Performed By</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/01/2003</td>
<td>dgreene</td>
</tr>
</tbody>
</table>

**Comment:** Physical Lab runs the test
Metal Rail

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

From Date: 04/12/2005 To Date: 09/23/2006
Status: History
Version: 4.01

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity:
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 M&T Field M&T Field

Sample Comment: No samples if pre-inspected
If Chemical Lab testing is needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats
1. Clamp Bars Test (Metric) - Version 1
   
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: changed metal rail pretest to n/a rkp
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Test Formats

3. Steel Alloy_ - Version 5

<table>
<thead>
<tr>
<th>Owning Lab: Chemical Lab</th>
<th>Metric/English Code: Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
<td>Sample/Test Remarks:</td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: changed metal rail pretest to n/a rkp
Comment:
Metal Rail

**General**
- **Group:** Steel
- **Status:** History
- **Version:** 4.01
- **From Date:** 04/12/2005
- **To Date:** 09/23/2006
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T Field</td>
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<tr>
<td>(None)</td>
<td>M&amp;T Field</td>
</tr>
<tr>
<td>913 Report (Steel)</td>
<td>M&amp;T Field</td>
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</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- No samples - when pre-approved
- If Chemical Lab testing is needed: 15.0 mm diameter minimum.

**Technician Certifications:** (None)

**Test Formats**

1. **Clamp Bar Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: changed metal rail pretest to n/a rkp

Comment:
Test Formats

3. Steel Alloy_ - Version 5

**Owning Lab:** Chemical Lab

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** changed metal rail pretest to n/a rkp

**Comment:**
### Metal Rail

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
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<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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<tr>
<td>Status</td>
<td>History</td>
</tr>
<tr>
<td>Version</td>
<td>4.00</td>
</tr>
<tr>
<td>From Date</td>
<td>09/08/2004</td>
</tr>
<tr>
<td>To Date</td>
<td>09/08/2004</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest                   | Required                   |
| Alt ID Matching           | No Match                   |
| Sample/Test               | Optional                   |
| Approved List             | N/A                        |
| Visual Inspection         | N/A                        |
| Catalog Cut               | N/A                        |
| Field Inspection          | Required                   |

**Inspection Type(s):** Structural Steel

**Small Quantity:**

- Prepayment Invoice Required

**Other Reports:**

- M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**

No samples if pre-inspected

If Chemical Lab testing is needed: 15.0 mm diameter minimum.

**Technician Certifications:**

- (None)

### Test Formats

1. **Clamp Bars Test (Metric) - Version 1**

   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**

   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/08/2004

**Performed By:** rpace

**Check In:** Changes Metal Rail to require FIR-rkp

**Comment:**

---
Test Formats

3. Steel Alloy_ - Version 5

Owning Lab: Chemical Lab

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/08/2004

Performed By: rpace

Check In
Changes Metal Rail to require FIR-rkp

Comment:
Metal Rail

General

Group: Steel  Status: History
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: Required
- Type
- Responsibility
1. Certified Mill Test Report
   - M&T
   - RE
   - Both
   (None)
   (None)
   □ M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Pretest | 1.00 | M&T Field | M&T Field

Sample Comment: No samples if pre-Inspected
If Chemical Lab testing is needed: 15.0 mm diameter minimum.

Test Formats

1. Clamp Bars Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/01/2003
Performed By: dgreene
Check In: Physical Lab runs the test
Comment:
3. Steel Alloy - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/01/2003
Performed By: dgreene
Check In: Physical Lab runs the test
Comment:
**Metal Rail**

**General**

- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- No samples if pre-inspected
- If Chemical Lab testing is needed: 15.0 mm diameter minimum.

**Technician Certifications:** (None)

**Test Formats**

1. **Clamp Bars Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Certification:**

- Required
- **Type:**
  - 1: Certified Mill Test Report
    - (None)

**Responsibility**

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T 913 Report (Steel)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/05/2003
**Performed By:** rpace
**Check In:** Changed to coincide with new project certification
**Comment:** requirements. rkp
Test Formats

3. Steel Alloy_ - Version 5

  **Owning Lab:** Chemical Lab  
  **IA Type:** None  
  **Metric/English Code:** Both  
  **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/05/2003  
**Performed By:** rpace  
**Check In:** Changed to coincide with new project certification  
**Comment:** requirements. rkp
## Metal Rail

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members
- **From Date:** 10/15/1997
- **To Date:** 12/11/1999

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
</tr>
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### Certification

<table>
<thead>
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<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>Mem &amp; T</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<td>(None)</td>
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<td>M&amp;T RE Both</td>
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<tr>
<td>M&amp;T 913 Report (Steel)</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

#### Sample Comment:

Technician Certifications: (None)

### Test Formats

1. **Clamp Bars Test (Metric) - Version 1**
   - **Owing Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owing Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Steel Alloy_ - Version 5**
   - **Owing Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
North Carolina Department of Transportation
Minimum Sampling Guide

Metal Rail

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 02/05/2003 To Date: 02/05/2003

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)
   M&T 913 Report (Steel)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 M&T Field M&T Field

Sample Comment: No samples - when pre-approved
If Chemical Lab testing is needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats
1. Clamp Bar Test - Version 5
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/05/2003
Performed By: rpace
Check In: Changed to coincide with new project certification requirements. rkp
3. Steel Alloy - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/05/2003
Performed By: rpace
Check In: Changed to coincide with new project certification
Comment: requirements. rkp
Metal Rail

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 10/15/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>M &amp; T</td>
<td>None</td>
</tr>
</tbody>
</table>

Sample/Test Remarks:

M & T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Clamp Bar Test - Version 5

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

3. Steel Alloy_ - Version 5

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmooody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Metal Rail

General
Group: Steel  Status: Current
How Received: Material Receipt  Version: 5.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel
Small Quantity:
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  1.00  M&T Field  M&T Field

Sample Comment: No samples - when pre-approved
If Chemical Lab testing is needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats
1. Clamp Bar Test - Version 5
   
   | Owning Lab: Physical Lab |
   | IA Type: None |
   | Metric/English Code: English |
   | Sample/Test Remarks: |

2. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |
   | Metric/English Code: Both |
   | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

| 3.  | Steel Alloy_ - Version 5 |

| **Owning Lab:** | Chemical Lab |
| **IA Type:**   | None         |
| **Metric/English Code:** | Both         |
| **Sample/Test Remarks:** | |
Metal Rail Accessories

General

Group: Steel  Status: Expired
How Received: Material Receipt  Version: 5.00
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)  Default Auth Lab: Physical Lab
Project Certification: Critical  MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Alt ID Matching: (None)  Certification: Required
Sample/Test: Optional  Sample/Test Remarks:
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A  Field Inspection: Required  Inspection Type(s): Structural Steel
Small Quantity:  Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: No samples - pre-tested  For Chemical Lab testing if needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9
   
   **Owning Lab**: Chemical Lab  
   **IA Type**: None  
   **Metric/English Code**: Both  
   **Sample/Test Remarks**: 

2. Aluminum Alloy 2XXX - Version 5

   **Owning Lab**: Chemical Lab  
   **IA Type**: None  
   **Metric/English Code**: Both  
   **Sample/Test Remarks**: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: rpace
Check In: changed metal rail pretest to n/a rkp  
Comment:
<table>
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<tr>
<th>Test Formats</th>
<th>Ownership</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Clamp Bar Test - Version 5</td>
<td>Physical Lab</td>
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<tr>
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<tr>
<td>4. Clamp Bars Test (Metric) - Version 1</td>
<td>Physical Lab</td>
<td>Metric</td>
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<td>IA Type: None</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: changed metal rail pretest to n/a rkp
Comment:
## Metal Rail Accessories

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 4.00
- **Metric/English:** Both
- **From Date:** 03/24/2005
- **To Date:** 03/24/2005
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** No samples - pre-tested
  - For Chemical Lab testing if needed: 15.0 mm diameter minimum.

- **Technician Certifications:** (None)

### Test Formats

1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/24/2005  
**Performed By:** fmoodys

**Check In:** Metal Rail Accessories - Match Alt IDs changed to No

**Comment:** Match
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>IA Type</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
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<tr>
<td>3. Clamp Bar Test - Version 5</td>
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<table>
<thead>
<tr>
<th>Test Description</th>
<th>IA Type</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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<tr>
<td>4. Clamp Bars Test (Metric) - Version 1</td>
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<tr>
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---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/24/2005  
**Performed By:** fmoody  
**Check In:** Metal Rail Accessories - Match Alt IDs changed to No  
**Comment:** Match
**Minimum Sampling Guide**

**Metal Rail Accessories**

**General**
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** No samples - pre-tested
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**
- **Test Category:** Pretest
  - **Sample Frequency:** 999.999.00
  - **Sampling Responsibility:** M&T Lab
  - **Testing Responsibility:** M&T Lab

**Sample Comment:** No samples - pre-tested
For Chemical Lab testing if needed: 15.0 mm diameter minimum.

**Technician Certifications:** (None)

**Test Formats**
1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. Clamp Bar Test - Version 5
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:** None

4. Clamp Bars Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** changed metal rail pretest to n/a rkp  
**Comment:**
Metal Rail Accessories

General

Group: Steel  Status: History
How Received: Material Receipt  Version: 3.00
Metric/English: Both  From Date: 09/08/2004  To Date: 09/08/2004
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: No samples - pre-tested
For Chemical Lab testing if needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9

   Owning Lab: Chemical Lab  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

2. Aluminum Alloy 2XXX - Version 5

   Owning Lab: Chemical Lab  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>IA Type</th>
<th>Sample/Test Remarks</th>
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<tbody>
<tr>
<td>3. Clamp Bar Test - Version 5</td>
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<tr>
<td>4. Clamp Bars Test (Metric) - Version 1</td>
<td>Metric</td>
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<td>None</td>
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<tr>
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<td></td>
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</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/08/2004  
**Performed By:** rpace  
**Check In:** Changes Metal Rail to require FIR-rkp  
**Comment:**
Metal Rail Accessories

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility |
Pretest | 999,999.00 | M&T Lab | M&T Lab |

Sample Comment: No samples - pre-tested
For Chemical Lab testing if needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9
   
   Owner Lab: Chemical Lab
   IA Type: None

2. Aluminum Alloy 2XXX - Version 5
   
   Owner Lab: Chemical Lab
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/01/2003
Performed By: dgreene
Check In: Physical Lab runs the test
Comment:
<table>
<thead>
<tr>
<th>Test Formats</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Clamp Bar Test - Version 5</td>
<td>English</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Owner Lab: Physical Lab</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IA Type: None</td>
<td></td>
</tr>
<tr>
<td>4. Clamp Bars Test (Metric) - Version 1</td>
<td>Metric</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Owner Lab: Physical Lab</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IA Type: None</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Metal Rail Accessories

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 999,999.00 | M&T Lab | M&T Lab

Sample Comment: No samples - pre-tested
For Chemical Lab testing if needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9
   
   - Ownning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Aluminum Alloy 2XXX - Version 5
   
   - Ownning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/05/2003
Performed By: rpace
Check In: Changed to coincide with new project certification
Comment: requirements. rkp
### Test Formats

3. Clamp Bar Test - Version 5
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

4. Clamp Bars Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Check In**  
**Comment:** Changed to coincide with new project certification requirements. rkp

**Action Date:** 02/05/2003  
**Performed By:** rpace

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Metal Rail Accessories

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 5.02
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel

Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 999,999.00 M&T Lab M&T Lab

Sample Comment:
No samples - pre-tested
For Chemical Lab testing if needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Aluminum Alloy 2XXX - Version 5

   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

3. Clamp Bar Test - Version 5
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

4. Clamp Bars Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Metal Rail Accessories

General
Group: Steel  Status: Expired
How Received: Material Receipt  Version: 5.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A  Certification: Required Type
Alt ID Matching: (None)  Responsibility
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel

Small Quantity:  Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  999,999.00  M&T Lab  M&T Lab

Sample Comment: No samples - pre-tested
For Chemical Lab testing if needed: 15.0 mm diameter minimum.

Technician Certifications: (None)

Test Formats
1. Aluminum Alloy - Version 9
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Aluminum Alloy 2XXX - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

3. **Clamp Bar Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

4. **Clamp Bars Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013
**Performed By:** rpace
**Check In:** New MSG 2013
**Comment:**
### Metal Stay-In-Place Forms

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Stay-In-Place Forms
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section
- **Status:** Correcting
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

#### Testing Requirements
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

- **Sample Comment:**
  
  Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks. Samples are tested and inspected per each shipment. Certified Mill Test Report, Type 1, is required prior to approval.

- **Technician Certifications:** (None)

#### Test Formats
- **Owning Lab:** Field Section
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012
**Performed By:** dimiller

**Check In**

**Comment:**
Metal Stay-In-Place Forms

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>Metric/English</th>
<th>From Date</th>
<th>To Date</th>
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<tr>
<td>Miscellaneous</td>
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<td>Metric</td>
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<td>12/31/2075</td>
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<td>How Received</td>
<td>Material Receipt</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest            | N/A          |
| Alt ID Matching    | (None)       |
| Sample/Test        | Required     |
| Approved List      | N/A          |
| Visual Inspection  | N/A          |
| Catalog Cut        | N/A          |
| Field Inspection   | Required     |

<table>
<thead>
<tr>
<th>Certification</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Required Type</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

Small Quantity: ☐

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

| Owning Lab: Field Section |
| IA Type: None             |

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Metal Stay-In-Place Forms

General

Group: Miscellaneous                      Status: History
How Received: Material Receipt            Version: 2.00
Metric/English: Metric                    From Date: 06/29/2001
Facility Type: Stay-In-Place Forms        To Date: 06/29/2001
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)
Responsibility
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both

Inspection Type(s): Stay-In-Place

Small Quantity: Required

Other Reports:

Testing Requirements

Test Category       Sample Frequency       Sampling Responsibility       Testing Responsibility
Verification         999,999.00            M&T Lab                        M&T Lab

Sample Comment: Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Owning Lab: Field Section
   IA Type: None

   Metric/English Code: Both

   Sample/Test Remarks:
### Metal Stay-In-Place Forms

#### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.00
- **From Date:** 09/02/1999
- **To Date:** 02/22/2001
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Stay-In-Place Forms
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks.

**Technician Certifications:** (None)

**Test Formats**
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Metal Stay-In-Place Forms

General

<table>
<thead>
<tr>
<th>Group: Miscellaneous</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received: Material Receipt</td>
</tr>
<tr>
<td>Metric/English: English</td>
</tr>
<tr>
<td>Facility Type: Stay-In-Place Forms</td>
</tr>
<tr>
<td>Default Auth Lab: Field Section</td>
</tr>
<tr>
<td>Project Certification: Critical</td>
</tr>
<tr>
<td>MSG Responsibility: Field Section</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: N/A                             |
| Alt ID Matching: (None)                  |
| Sample/Test: Required                    |
| Approved List: N/A                       |
| Visual Inspection: N/A                   |
| Catalog Cut: N/A                         |
| Field Inspection: Required               |

| Certification: Required                  |
| Type                                    |
| Responsibility                           |
| 1: Certified Mill Test Report            |
| (None)                                   |
| (None)                                   |

| M&T 913 Report (Steel)                   |

| Inspection Type(s): Stay-In-Place       |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

| Sample Comment: Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks. |

| Technician Certifications: (None) |

Test Formats

1. Field Section Miscellaneous Test - Version 3

| Owning Lab: Field Section            |
| IA Type: None                        |

| Metric/English Code: Both            |
| Sample/Test Remarks:                 |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Metal Stay-In-Place Forms

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: Stay-In-Place Forms
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 09/02/1999  To Date: 02/22/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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</tbody>
</table>

M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility |
--------------|------------------|-------------------------|------------------------|
Verification  | 999,999.00       | M&T Lab                 | M&T Lab                |

Sample Comment: Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Metal Stay-In-Place Forms

#### General
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.02
- **Metric/English:** English
- **From Date:** 01/01/1999
- **Facility Type:** Stay-In-Place Forms
- **To Date:** 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:**

#### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks. Samples are tested and inspected per each shipment. Certified Mill Certification, Type 1, is required prior to approval.

#### Technician Certifications:
- (None)

#### Test Formats

1. Field Section Miscellaneous Test - Version 3

   **Owning Lab:** Field Section
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
# Metal Stay-In-Place Forms

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status</td>
<td>Current</td>
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<tr>
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<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
<td>Stay-In-Place Forms</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

### From Date: 01/01/1999 To Date: 12/31/2075

## Methods of Acceptance

| Pretest:          | N/A          |
| Alt ID Matching:  | (None)       |
| Sample/Test:      | Required     |
| Approved List:    | N/A          |
| Visual Inspection:| N/A          |
| Catalog Cut:      | N/A          |
| Field Inspection: | Required     |

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
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</table>

- **M&T 913 Report (Steel)**

**Inspection Type(s):** Stay-In-Place

**Small Quantity:** 

**Other Reports:**

## Testing Requirements

### Test Category: Verification

- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

**Sample Comment:** Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks. Samples are tested and inspected per each shipment. Certified Mill Test Report, Type 1, is required prior to approval.

**Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/16/2008  **Performed By:** rpace

**Check In:** Added comments to frequency comments  **Comment:**

---
Metal Stay-In-Place Forms

General

<table>
<thead>
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<td>Facility Type:</td>
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<td>To Date:</td>
<td>12/31/2075</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:       | N/A                              |
| Alt ID Matching: | (None)                           |
| Sample/Test:   | Required                         |
| Approved List: | N/A                              |
| Visual Inspection: | N/A                      |
| Catalog Cut:   | N/A                              |
| Field Inspection: | Required                       |

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>(M&amp;T) (RE) Both</td>
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<tr>
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<td>(None)</td>
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<tr>
<td>(None)</td>
<td>(None)</td>
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</table>

| M&T 913 Report (Steel) |

| Inspection Type(s): | Stay-In-Place |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks. Samples are tested and inspected per each shipment. Certified Mill Certification, Type 1, is required prior to approval.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   | Owning Lab: | Field Section               | Metric/English Code: | Both |
   | IA Type:    | None                        | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Metal Stay-In-Place Forms

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: Stay-In-Place Forms
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 2.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports:

Certification: Required
Type
1: Certified Mill Test Report
(Required)

Responsibility

M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 999,999.00 | M&T Lab | M&T Lab

Sample Comment: Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Metal Stay-In-Place Forms (Metric) - Changed Project Certification to Critical.
# Metal Stay-In-Place Forms

## General
- **Group**: Miscellaneous
- **Status**: History
- **Version**: 2.01
- **From Date**: 04/16/2004
- **To Date**: 09/23/2006
- **How Received**: Material Receipt
- **Metric/English**: English
- **Facility Type**: Stay-In-Place Forms
- **Default Auth Lab**: Field Section
- **Project Certification**: Critical
- **MSG Responsibility**: Field Section

## Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: Required
- **Small Quantity**: [ ]

### Certification
- **Type**: Required
- **Responsibility**: M&T, RE, Both
- **1: Certified Mill Test Report**
- **(None)**
- **(None)**

### M&T 913 Report (Steel)

## Testing Requirements
- **Test Category**: Verification
- **Sample Frequency**: 999,999.00
- **Sampling Responsibility**: M&T Lab
- **Testing Responsibility**: M&T Lab
- **Sample Comment**: Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks.
- **Technician Certifications**: (None)

## Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab**: Field Section
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**:
   
---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

<table>
<thead>
<tr>
<th>Action Date</th>
<th>Performed By</th>
<th>Check In</th>
<th>Comment</th>
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</thead>
<tbody>
<tr>
<td>11/15/2006</td>
<td>conv</td>
<td>Metal Stay-In-Place Forms (English) - Changed Project Certification to Critical.</td>
<td></td>
</tr>
</tbody>
</table>
### Metal Stay-In-Place Forms

**General**
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Stay-In-Place Forms
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Status:** History
- **Version:** 2.00
- **From Date:** 06/29/2001
- **To Date:** 06/29/2001

**Methods of Acceptance**

<table>
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</tr>
<tr>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
</table>
| 1: Certified Mill Test Report | M&T
| (None) | M&T
| (None) | Both |

**Inspection Type(s):** Stay-In-Place

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks.

**Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Field Section</th>
</tr>
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<tbody>
<tr>
<td>IA Type</td>
<td>None</td>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2001
**Performed By:** conv
**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
**Comment:** FIP Type for version 5.0 conversion.
## Metal Stay-In-Place Forms

### General
- **Group:** Steel
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 3.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** English
- **Facility Type:** Stay-In-Place Forms
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Other Reports</th>
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<tbody>
<tr>
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<td>None</td>
<td>N/A</td>
<td>N/A</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Base metal accepted by certification. Call M&T for metal thickness and galvanized coating thickness checks. Samples are tested and inspected per each shipment. Certified Mill Certification, Type 1, is required prior to approval.

**Technician Certifications:** None

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   | **Owning Lab:** Field Section | **Metric/English Code:** Both |
   | **IA Type:** None             | **Sample/Test Remarks:**    |

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/28/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Metal, Powder Coated

General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Status:** Current

**Version:** 1.01

**From Date:** 06/27/2018  **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:**

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Metal, Powder Coated

**General**
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**  

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Certification:**
- **Required**
  - **Type:**
    - 1: Certified Mill Test Report
      - Buy America (None)
    - [ ] M&T 913 Report (Steel)

**Responsibility**
- M&T □ RE □ Both
- M&T □ RE □ Both
- M&T □ RE □ Both

---

**Action Date:** 07/02/2018  
**Performed By:** fdward  
**Check In:** New Material Type and Materials  
**Comment:**  

---

**From Date:** 06/27/2018  
**To Date:** 12/31/2075

**Status:** Expired  
**Version:** 1.00
Mineral Filler

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Asphalt</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
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</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
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<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Asphalt Lab</td>
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<tr>
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<td>Minor</td>
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<tr>
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</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:         | N/A                               |
| Alt ID Matching: | (None)                            |
| Sample/Test:     | N/A                               |
| Approved List:   | Required                          |
| Visual Inspection: | N/A                            |
| Catalog Cut:     | N/A                               |
| Field Inspection: | N/A                              |
| Small Quantity:  | □                                 |
| Other Reports:   | Prepayment Invoice Required       |

Testing Requirements

Sample Comment: (None)

Technician Certifications: (None)

Test Formats

1. Mineral Filler Test - Version 6

   - Owning Lab: Asphalt Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Pozzolan Materials - Version 8

   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

3. Screenings Test - Version 3

   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Mineral Filler

### General
- **Group:** Asphalt
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/12/1997
- **To Date:** 12/11/1999
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

### Testing Requirements
- **Sample Comment:** None
- **Technician Certifications:** (None)

### Test Formats
1. **Mineral Filler Test - Version 6**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Pozzolan Materials - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Screenings Test - Version 3**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/12/1997  
**Performed By:** dgreene  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Mineral Filler

General
Group: Asphalt
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Mineral Filler Test - Version 5
   Owning Lab: Asphalt Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:
2. Pozzolan Materials - Version 8
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:
3. Screenings Test - Version 2
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Mineral Filler

**General**
- **Group:** Asphalt
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/15/1997
- **To Date:** 12/11/1999
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

**Testing Requirements**
- **Sample Comment:**

**Technician Certifications:** (None)

**Test Formats**
1. **Mineral Filler Test - Version 5**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Pozzolan Materials - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Screenings Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** twiltington

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Mineral Filler

### General

- **Group:** Asphalt
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

### Methods of Acceptance

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<tr>
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<th>Approved List</th>
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<th>Catalog Cut</th>
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<th>Other Reports</th>
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### Certification

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</tr>
<tr>
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<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** (None)

#### Technician Certifications

- **Owning Lab:** Asphalt Lab
- **IA Type:** None
- **Metric/English Code:** Metric
- **Sample/Test Remarks:**

#### Test Formats

1. **Mineral Filler Test - Version 5**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Pozzolan Materials - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Screenings Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Changed pretest required to optional.

**Comment:**
## Mineral Filler

**General**

- **Group:** Asphalt  
- **Status:** History  
- **How Received:** Not Received  
- **Version:** 1.01  
- **Metric/English:** English  
- **From Date:** 06/28/2001  
- **To Date:** 09/23/2006  

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**

1. **Mineral Filler Test - Version 6**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Pozzolan Materials - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Screenings Test - Version 3**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 11/15/2006  
Performed By: conv  
Check In: Changed pretest required to optional.*
### Miscellaneous

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

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<table>
<thead>
<tr>
<th>Certification:</th>
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<th>Responsibility</th>
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<tbody>
<tr>
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<tr>
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<tr>
<td>(None)</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

---

**Action Date:** 08/19/2014  
**Performed By:** rpace  
**Check In:** New  
**Comment:**
### Miscellaneous Metals

**General**
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** Optional
- **Type:** Video Tape
- **Responsibility:**
  - M&T
  - RE
  - Both

**Validation Type:** M&T 913 Report (Steel)

**Inspection Type(s):** Structural Steel

**Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
</tr>
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</table>

**Sample Comment:**

**Technician Certifications:** (None)

### Test Formats

1. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** fmoody
**Check In:** Miscellaneous Metals (Both) - Changed Project
**Comment:** Certification to Critical.
Miscellaneous Metals

General
Group: Miscellaneous  Status: History
How Received: Material Receipt  Version: 2.01
Metric/English: Both  From Date: 04/16/2004  To Date: 09/23/2006
Facility Type: (None)  Default Auth Lab: Structural Members - Steel
Project Certification: Critical  MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A  Certification: Optional
Alt ID Matching: (None)  Type
Sample/Test: Optional  Responsibility
Approved List: N/A  2: Typical Certified Mill Test Report
Visual Inspection: N/A  ☐ M&T  ☐ RE  ☐ Both
Catalog Cut: N/A  ☐ M&T  ☐ RE  ☐ Both
Field Inspection: Required  ☐ M&T  ☐ RE  ☐ Both
Small Quantity: ☐  ☐ M&T 913 Report (Steel)
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  99,999.00  Project Personnel  M&T Lab

Sample Comment:
Technician Certifications: (None)

Test Formats
1. PreStress Lab Miscellaneous Test - Version 3

   Owning Lab: Structural Members - Prestress  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:
North Carolina Department of Transportation
Minimum Sampling Guide

Miscellaneous Metals

General
- Group: Miscellaneous
- Status: Expired
- How Received: Material Receipt
- Version: 3.01
- Metric/English: Both
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required
- Inspection Type(s): Structural Steel
- Small Quantity: ☐
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Test Category: Acceptance
- Sample Frequency: 99,999.00
- Sampling Responsibility: Project Personnel
- Testing Responsibility: M&T Lab
- Sample Comment: Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.
- Technician Certifications: (None)

Test Formats
1. PreStress Lab Miscellaneous Test - Version 3
   - Owning Lab: Structural Members - Prestress
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
**Miscellaneous Metals**

**General**
- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members

**Status:** Current  
**Version:** 3.03  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>99,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

**Technician Certifications:** (None)

**Test Formats**

1. PreStress Lab Miscellaneous Test - Version 3

**Owning Lab:** Structural Members - Prestress  
**IA Type:** None  
**Metric/English Code:** Both  
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/17/2017  
**Performed By:** bhunter  
**Check In:** Removed the FIR requirement  
**Comment:**
## Miscellaneous Metals

### General
- **Group:** Steel
- **Status:** Expired
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

<table>
<thead>
<tr>
<th>Inspection Type(s)</th>
<th>Structural Steel</th>
</tr>
</thead>
</table>

### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 99,999.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.
- **Technician Certifications:** (None)

### Test Formats
1. PresStress Lab Miscellaneous Test - Version 3

<table>
<thead>
<tr>
<th>Metric/English Code</th>
<th>Both</th>
</tr>
</thead>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Miscellaneous Metals

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members
- **Status:** History
- **Version:** 2.00
- **From Date:** 10/07/2002
- **To Date:** 10/07/2002

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>99,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Technician Certifications:
- (None)

### Test Formats

1. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/07/2002  
**Performed By:** rpace  
**Check In:** CHANGES MISC. METALS TO REQUIRE FIR OF  
**Comment:** STRUCTURAL STEEL
## Miscellaneous Metals

### General
- **Group:** Miscellaneous
- **Status:** History
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Version:** 1.00
- **From Date:** 03/21/2002
- **To Date:** 03/21/2002
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Certification
- **Optional Type**
- **Responsibility**
  - 2: Typical Certified Mill Test Report
    - M&T
    - RE
    - Both
  - (None)
    - M&T
    - RE
    - Both
    - M&T
    - RE
    - Both
- **M&T 913 Report (Steel)**

### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 99,999.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

### Sample Comment:
- **Technician Certifications:** (None)

### Test Formats
1. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2002  
**Performed By:** rpace

**Check In:** Added new material type Miscellaneous Metals per cdg
**Comment:**
New Source Aggregate

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Coarse Aggregate Yearly - Version 10
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:
2. Corrosivity Tests - Version 8
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:
3. Fine Aggregate Test Yearly - Version 8
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/07/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
New Source Aggregate

General

<table>
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<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group:</td>
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<tr>
<td>How Received:</td>
<td>Ticket</td>
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<td>Metric/English:</td>
<td>Metric</td>
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<tr>
<td>Facility Type:</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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Status: History
Version: 1.00
From Date: 12/01/1997  To Date: 12/11/1999

Methods of Acceptance

<table>
<thead>
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<th>Field</th>
<th>Value</th>
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<tr>
<td>Pretest:</td>
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<tr>
<td>Alt ID Matching:</td>
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</tr>
<tr>
<td>Sample/Test:</td>
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<tr>
<td>Approved List:</td>
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<tr>
<td>Visual Inspection:</td>
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</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Pay Adj Required</td>
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</table>

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Responsibility</td>
<td></td>
</tr>
</tbody>
</table>

- M&T
- RE
- Both

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Coarse Aggregate (Metric) - Version 3
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Corrosivity Tests - Version 8
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

3. Fine Aggregate Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Noise Wall Panels

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 1.01
From Date: 04/12/2012
To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Test Category: Informational
Sample Frequency: 100,000,000.00
Sampling Responsibility: M&T Field
Testing Responsibility: M&T Lab

Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/12/2012
Performed By: rpace
Check In: DF
Comment:
Noise Wall Panels

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 1.00
From Date: 04/12/2012 To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification:
Type
3: Manufacturer's Certification
5: Typical Certified Test Reports
(Both)

Responsibility
M&T
RE
Both

Inspection Type(s): Precast Concrete

Testing Requirements
Test Category      Sample Frequency      Sampling Responsibility      Testing Responsibility
Informational      100,000,000.00       M&T Field                   M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/12/2012
Performed By: rpace
Check In: New Material
Comment:
# Noise Wall Panels

## General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

## Certification
- **Certification:** Required
- **Type:**
  - 3: Manufacturer's Certification
  - 5: Typical Certified Test Reports
    - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Informational</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

## Sample Comment:
- Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/17/2012  
**Performed By:** rpace

**Check In:** fixed the group; [ARCHIVE] rkp

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Noise Wall, Precast Concrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 4.02
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Precast Concrete

Small Quantity: 
Other Reports:

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  100,000,000.00  M&T Field  M&T Field

Sample Comment:

Technician Certifications:
Type  Certification(s)
Sampling  Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Action Date: 02/14/2013  Performed By: rpace
Check In  New 2013 MSG
Comment:
## Noise Wall, Precast Concrete

### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 4.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** Metric
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Noise Wall, Precast Concrete (Metric) - chenged Testing Responsibility to M&T Lab.
# Noise Wall, Precast Concrete

## General
- **Group:** Concrete
- **Status:** History
- **Version:** 3.00
- **From Date:** 04/25/2003
- **To Date:** 04/25/2003
- **Metric/English:** Metric
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Precast Concrete

## Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field
- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.
- **Technician Certifications:** (None)

## Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/25/2003  
**Performed By:** twhillington

**Check In:** Changed to "No Match" temporarily.
**Comment:**

---
Noise Wall, Precast Concrete

General
Group: Concrete  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Metric  From Date: 12/12/2001  To Date: 12/12/2001
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Precast Concrete
Small Quantity:
Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Certification: N/A  Type  Responsibility
M&T  RE  Both
(Nonne)  (None)  Both
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  999,999.00  M&T Field  M&T Field
Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   
   Owner Lab: Field Section  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/12/2001  Performed By: rpace
Check In: Changed precast noise wall to require fir
Comment:
Noise Wall, Precast Concrete

General

- Group: Concrete
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: Precast Concrete
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 03/15/2000  To Date: 03/15/2000

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: Match Alt ID/Match from Sample
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

- Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
- Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   - Owning Lab: Field Section
   - IA Type: None

   - Metric/English Code: Both
   - Sample/Test Remarks:

Certification: N/A

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<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000  Performed By: thjones
Check In: In step changes  Comment:
Noise Wall, Precast Concrete

General
- Group: Concrete
- Status: Expired
- How Received: Material Receipt
- Version: 3.00
- Metric/English: English
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: Precast Concrete
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: Required
- Inspection Type(s): Precast Concrete

Testing Requirements
- Test Category: Acceptance
- Sample Frequency: 999,999.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Lab
- Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technical Certifications:
- Type: Sampling
- Certification(s): Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Noise Wall, Precast Concrete

### General

- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Status:** History  
- **Version:** 2.00  
- **From Date:** 04/25/2003  
- **To Date:** 04/25/2003  
- **Facility Type:** Precast Concrete  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section

### Methods of Acceptance

| Pretest | Required |
| Alt ID Matching | No Match |
| Sample/Test | Optional |
| Approved List | N/A |
| Visual Inspection | Optional |
| Catalog Cut | N/A |
| Field Inspection | N/A |

**Sample/Test Remarks:** Daily Plant Inspector's Report; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

### Test Formats

1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/25/2003  
**Performed By:** twiltington  
**Check In:** Changed to "No Match" temporarily.  
**Comment:** None
Noise Wall, Precast Concrete

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
Technician Certifications: (None)

Test Formats

1. Concrete Cylinders Test - Version 13
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Noise Wall, Precast Concrete**

### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Preference:** Metric/English
- **现场:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A

- **Type:** M&T
- **Responsibility:** Field Section

**Matching:** Optional

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
<th>Sample Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
<td>1 set of cylinders per day of operations, per strength requirements.</td>
</tr>
</tbody>
</table>

**Other Reports:**
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Field Inspection:** Required
- **Sample/Test Type(s):** Precast Concrete
- **Certification:** M&T 913 Report (Steel)

### Technician Certifications
- **Type:** Sampling
- **Certification(s):**
  - Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats
1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
Noise Wall, Precast Concrete

General
Group: Precast
How Received: Material Receipt
Metric/English: English
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section
Status: Archive
Version: 3.03
From Date: 01/01/1999
to Date: 04/12/2013

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

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<thead>
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<th>Type</th>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
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<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

Inspection Type(s): Precast Concrete

Small Quantity: ☐

Other Reports:

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 999,999.00 | M&T Field | M&T Lab

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications:
Type
Sampling

Certification(s)
Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cylinders Test - Version 13
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Field Section Miscellaneous Test - Version 3
   
   **Owning Lab:** Field Section
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013; [ARCHIVE] created new
Comment:
### Noise Wall, Precast Concrete

**General**
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section
- **Status:** Current
- **Version:** 4.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A
- **Type:** (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

**Sample/Test Remarks:**
- **None**

**Other Reports:**
- Daily Plant Inspector's Report; Prepayment Invoice Required

**Test Formats**
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Testing Requirements**
- **Test Category:** Acceptance
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** M&T Field
  - **Testing Responsibility:** M&T Lab

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009
**Performed By:** rpace
**Check In:** Changed Alt Id from no match to Match/sample/fir
**Comment:**
**Noise Wall, Precast Concrete**

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group:</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Precast Concrete</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
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</table>

**Status:** History  
**Version:** 1.00  
**From Date:** 12/11/2001  
**To Date:** 12/11/2001

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Test</th>
<th>Required</th>
<th>Alt ID Matching:</th>
<th>Match Alt ID/Match from Sample</th>
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<tbody>
<tr>
<td>Sample/Test:</td>
<td>Optional</td>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>Optional</td>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
<td>Small Quantity:</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Daily Plant Inspector's Report; Prepayment Invoice Required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

**Sample Comment:**

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing)</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/11/2001  
**Performed By:** twittington  
**Check In:** New UOM  
**Comment:**
### Noise Wall, Precast Concrete

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Precast Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

**Status:** Expired  
**Version:** 3.01  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required  
  **Inspection Type(s):** Precast Concrete

**Small Quantity:**  
**Other Reports:** Daily Plant Inspector's Report; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**  
1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:**

- **Type**
  - Sampling

- **Certification(s)**
  - Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

**Test Formats**

1. **Concrete Cylinders Test - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace  
**Check In:** Changed Alt Id from no match to Match/sample/fir  
**Comment:**
Noise Wall, Precast Concrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 4.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Type
Responsibility
(M&T) (RE) (Both)
(Next) (None) (None)
(Next) (None) (None)

Inspection Type(s): Precast Concrete

Small Quantity: No
Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 M&T Field M&T Lab

Sample Comment:

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009 Performed By: rpace
Check In Changed Alt Id from no match to Match/sample/fir Comment:
## Noise Wall, Precast Concrete

### General
- **Group:** Concrete
- **Status:** History
- **Version:** 2.00
- **From Date:** 12/12/2001
- **To Date:** 12/12/2001
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
  - **Inspection Type(s):** Precast Concrete
- **Small Quantity:**
- **Other Reports:** Daily Plant Inspector's Report; Prepayment Invoice Required

### Testing Requirements
- **Test Category**
  - Acceptance: 100,000,000.00
  - **Sampling Responsibility:** M&T Field
  - **Testing Responsibility:** M&T Lab

### Technician Certifications:
- **Type**
  - Sampling: Concrete Field Technician (Testing)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/12/2001  
**Performed By:** rpace  
**Check In:** Added Noise Wall to Fir for Concrete  
**Comment:**
Noise Wall, Precast Concrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 3.01
From Date: 09/30/2005 To Date: 09/23/2006

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility: (None)
M &T 913 Report (Steel)

Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100,000,000.00 | M&T Field | M&T Lab

Sample Comment:

Technician Certifications:
Type | Certification(s)
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Noise Wall, Precast Concrete (Both) - added Concrete Mix Sampling Certifications
Comment: Batch and Concrete Mix Sampling Certifications.
## Noise Wall, Precast Concrete

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** No
- **Other Reports:** Daily Plant Inspector's Report; Prepayment Invoice Required

### Certification

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
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</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

### Test Formats
1. Field Section Miscellaneous Test - Version 3

**Owning Lab:** Field Section

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Noise Wall, Precase Concrete (Metric) - changed Testing Responsibility to M&T Lab.
Noise Wall, Precast Concrete

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 2.01
From Date: 09/30/2005 To Date: 09/23/2006

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 999,999.00 | M&T Field | M&T Lab

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications:

Type | Certification(s)
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats

1. Concrete Cylinders Test - Version 13
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Field Section Miscellaneous Test - Version 3
   
   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Noise Wall, Precast Concrete

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>3.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>04/25/2003</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Precast Concrete</td>
<td>To Date</td>
<td>04/25/2003</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
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</tr>
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</table>

### Methods of Acceptance

<table>
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<tr>
<th>Pretest</th>
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</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>Optional</td>
</tr>
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<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
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</table>

**Certification: N/A**

**Responsibility**

- M&T
- RE
- Both

**Certification(s)**

- M&T 913 Report (Steel)

**Inspection Type(s):** Precast Concrete

**Sample/Test:** N/A

**Comment:** Changed to "No Match" temporarily.

**Other Reports:** Daily Plant Inspector's Report; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Type**

- Sampling

**Certification(s):**

- Concrete Field Technician (Testing)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/25/2003

**Performed By:** twhillington

**Check In:** Changed to "No Match" temporarily.

**Comment:**

- Changed to "No Match" temporarily.
## Noise Wall, Precast Concrete

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Status:
- **Version:** 4.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### From Date: 01/01/1999 To Date: 12/31/2075

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T  RE  Both</td>
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</tbody>
</table>

- **Certification(s):** N/A

#### Inspection Type(s): Precast Concrete

#### Small Quantity: ☐

#### Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

#### Sample Comment:

#### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Noise Wall, Precast Concrete (Both) - added Concrete

**Comment:** Batch and Concrete Mix Sampling Certifications.
Noise Wall, Precast Concrete

General

Group: Precast
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Archive
Version: 4.03
From Date: 01/01/1999 To Date: 04/12/2013

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Precast Concrete

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100,000,000.00 | M&T Field | M&T Field

Sample Comment:

Technician Certifications:

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<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
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</tbody>
</table>
Noise Wall, Precast Concrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Correcting
Version: 4.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

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<tr>
<td>☑️</td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
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</table>

Inspection Type(s): Precast Concrete

Small Quantity: 
Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements
Test Category: Acceptance
Sample Frequency: 999,999.00
Sampling Responsibility: M&T Field
Testing Responsibility: M&T Lab

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks: 

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
### Noise Wall, Wood

**General**

- **Group:** Miscellaneous
- **Status:** Archive
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 06/27/2012
- **Facility Type:** Wood Products
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
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<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>No</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required</td>
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</tbody>
</table>

**Certification:**

- **Type:** Required
- **Responsibility:** M&T

**Testing Requirements**

- **Sample Comment:** No Samples - Accepted by M&T
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Noise Wall, Wood

### General
- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Wood Products  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members  

### Methods of Acceptance

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<tr>
<td>Approved List:</td>
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<td>Field Inspection:</td>
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<td>Other Reports:</td>
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### Certification

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</table>

- (None)

### Testing Requirements

- **Sample Comment:** No Samples - Accepted by M&T  
- **Technical Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 06/27/2012  
Performed By: rpace  
Check In: rkp; [ARCHIVE] rkp  
Comment: rpace*
Noise Wall, Wood

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Archive
Version: 2.00
From Date: 06/28/2012
To Date: 06/28/2012

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

Testing Requirements
Sample Comment: No Samples - Accepted by M&T
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/27/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Noise Wall, Wood

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Archive
Version: 1.00
From Date: 01/01/1999 To Date: 06/27/2012

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No Samples - Accepted by M&T
Other Reports: Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples - Accepted by M&T
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Non-strip Additive

General
- Group: Asphalt
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Asphalt Lab
- Project Certification: Non-Critical
- MSG Responsibility: Asphalt Lab

Status: History
Version: 2.00
From Date: 03/20/2000 To Date: 03/20/2000

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Tensile Strength Ratio Test report must accompany asphalt mix design.; Prepayment Invoice Required

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2000
Performed By: thjones
Check In: Changed pretest required to optional.
Comment:
### Non-strip Additive

#### General

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#### Methods of Acceptance

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<tr>
<td>Other Reports</td>
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#### Testing Requirements

<table>
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### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Non-strip Additive

General

<table>
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<td>MSG Responsibility</td>
<td>Asphalt Lab</td>
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Methods of Acceptance

| Pretest               | Required |
| Alt ID Matching       | No Match |
| Sample/Test           | N/A      |
| Approved List         | N/A      |
| Visual Inspection     | N/A      |
| Catalog Cut           | N/A      |
| Field Inspection      | N/A      |
| Small Quantity        | ❌        |
| Other Reports         | Tensile Strength Ratio Test report must accompany asphalt mix design.; Prepayment Invoice Required |

Testing Requirements

| Sample Comment       |
| Technician Certifications: | (None) |
Non-strip Additive

General
Group: Asphalt  Status: Archive
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Minor
MSG Responsibility: Asphalt Lab

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Tensile Strength Ratio Test report must accompany asphalt mix design.; Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Non-strip Additive

#### General

<table>
<thead>
<tr>
<th>Field</th>
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#### Methods of Acceptance

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<td>Other Reports</td>
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- **Certification:** M & T 913 Report (Steel)

#### Testing Requirements

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### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/2000  
**Performed By:** thjones  
**Check In:** Changed pretest required to optional.  
**Comment:** Changed pretest required to optional.
## Non-strip Additive

### General

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### Methods of Acceptance

<table>
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<td>Other Reports</td>
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### Certification

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
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### Testing Requirements

- **Sample Comment:**

- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 05/15/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Non-strip Additive

### General

- **Group:** Asphalt
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Asphalt Lab

### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Tenstile Strength Ratio Test report must accompany asphalt mix design.; Prepayment Invoice Required

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In** tww - changed Non-Strip to MINOR; [ARCHIVE] rkp  
**Comment:**

---

### Certification

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<td>(None)</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Certification:** N/A

- **Responsibility:** M&T 913 Report (Steel)
Non-strip Additive

General
- **Group:** Asphalt
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Asphalt Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Asphalt Lab

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Tensile Strength Ratio Test report must accompany asphalt mix design.; Prepayment Invoice Required; Pay Adj Required

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** twittington
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## On-Site Testing Items

### General

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<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | Required |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | □ |
| Other Reports: | Prepayment Invoice Required |

### Testing Requirements

| Sample Comment: |
| Technician Certifications: | (None) |

### Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
</tbody>
</table>

- [ ] M&T 913 Report (Steel)

---

Action Date: 02/14/2013  
Performed By: rpace  
Check In: New 2013 MSG  
Comment:
## On-Site Testing Items

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Certification:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

- **Sample Comment:** New Material Type to allow payment tracking for On-Site Testing Equipment
- **Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** twittington  
**Check In:** New Material Type to allow payment tracking for On-Site  
**Comment:** Testing Equipment
On-Site Testing Items

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: N/A
Type
Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

M&T 913 Report (Steel)

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
On-Site Testing Items

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Expired
Version: 1.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Certification: N/A
Type
(None) (None) (None)
M&T RE Both
M&T RE Both
M&T RE Both

Responsibility

M&T 913 Report (Steel)

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
Organic Zinc Repair Paint

General
Group: Miscellaneous                      Status: Expired
How Received: Material Receipt           Version: 2.01
Metric/English: English                   From Date: 01/01/1999   To Date: 12/31/2075
Facility Type: (None)                     Non-Critical
Default Auth Lab: Chemical Lab           MSG Responsibility: Chemical Lab
Project Certification: Non-Critical      English

Methods of Acceptance
Pretest: N/A                               Certification: Required
Alt ID Matching: (None)                    Type
Sample/Test: Optional                      6: Supplier's Certification
Approved List: Required                   (None)
Visual Inspection: N/A                     (None)
Catalog Cut: N/A                           M &T 913 Report (Steel)
Field Inspection: N/A                      ☐ M &T 913 Report (Steel)
Small Quantity: ☐                          ☐ M&T 913 Report (Steel)
Other Reports:                             ☑ M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification   | 500.00           | M&T Lab                  | M&T Lab

Sample Comment: One sample in a 1 quart container.
Technician Certifications: (None)

Test Formats
1. Paint - Version 10
   Ownership: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Organic Zinc Repair Paint

General

Status: History
Version: 1.01
From Date: 04/16/2004 To Date: 09/23/2006

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 500.00 | M&T Lab | M&T Lab

Sample Comment: One sample in a 1 quart container.

Technician Certifications: (None)

Test Formats

1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None

Certification: Required
Type: 6: Supplier's Certification
(Standard)

Responsibility
- M&T
- RE
- Both

- M&T
- RE
- Both

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Organic Zinc Repair Paint (English) - Changed Project
Comment: Certification to Minor and How Received to Not Received.
Organic Zinc Repair Paint

General
Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 500.00 | M&T Lab | M&T Lab

Sample Comment: One sample in a 1 quart container.
Technician Certifications: (None)

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Organic Zinc Repair Paint

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Paints and Coatings</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

| Status: | Current |
| Version: | 2.02 |
| From Date: | 01/01/1999 |
| To Date: | 12/31/2075 |

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |
| Other Reports: |

Certification: Required Type

<table>
<thead>
<tr>
<th>Certification:</th>
<th>Required Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
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Responsibility

- M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample in a 1 quart container.

Technician Certifications: (None)

Test Formats

1. Paint - Version 10

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Chemical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
</tbody>
</table>

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2013
Performed By: rpace

Check In: New MSG 2013
Comment:
Organic Zinc Repair Paint

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: Current
Version: 1.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Certification: Required
Type
6: Supplier's Certification
(One)
(One)
Responsibility
- M&T ☐ RE ☐ Both
- M&T ☐ RE ☐ Both
- M&T ☐ RE ☐ Both

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 1,890.00 M&T Lab M&T Lab

Sample Comment: One sample in a 1 liter container.

Technician Certifications: (None)

Test Formats

1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In: Organic Zinc Repair Paint (Metric) - Changed Project
Comment: Certification to Minor and How Received to Not Received.
Organic Zinc Repair Paint

General
Group: Miscellaneous
Status: Correcting
How Received: Material Receipt
Version: 1.01
Metric/English: Metric
From Date: 01/01/1999 To Date: 12/31/2075

Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 1,890.00 M&T Lab M&T Lab

Sample Comment: One sample in a 1 liter container.

Technician Certifications: (None)

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None

Certification: Required
Type
6: Supplier's Certification
(0) M&T RE Both
(0) M&T RE Both
(0) M&T RE Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Paint (Zinc-Rich) for Galvanized Products

**General**
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Pay Adj Required

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**
1. Paint - Version 10
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Sample/Test Remarks:**

---

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M &amp; T</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>(None)</td>
<td>RE</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
<td>Both</td>
</tr>
</tbody>
</table>

- **M & T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/08/1997  
**Performed By:** twittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
# Minimum Sampling Guide

## Paint for Pavement Marking

### General
- **Group:** Paints and Coatings  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Chemical Lab  
- **Status:** Current  
- **Version:** 3.02  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** No Match, Alt ID Required  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** See Section 1087-7 for testing requirements.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Certification:** Required  
- **Type:**  
  - M&T  
  - RE  
  - Both  
- **Responsibility:**  
  - M&T  
  - RE  
  - Both

- **M&T 913 Report (Steel)**

**Sample Comment:**

**Technician Certifications:** (None)

---

**Action Date:** 03/20/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
Paint for Pavement Marking

General

- Group: Traffic Control
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Chemical Lab

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: No Match, Alt ID Required
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: See Section 1087-7 for testing requirements.

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>100.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Certification: Required

- Type: 3: Manufacturer's Certification
- Responsibility
  - (None)
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - M&T 913 Report (Steel)

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
### Paint for Pavement Marking

**General**

- **Group:** Traffic Control
- **Status:** Current
- **Version:** 2.00
- **From Date:** 01/01/1999  **To Date:** 12/31/2075

- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Assurance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Testing Requirements**

- **Certification:** Required
- **Type**
  - M&T
  - RE
  - Both

- **Responsibility**
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** rpace

**Check In:** changed paint from match to sample to no match id  **Comment:** required
### Paint for Pavement Marking

#### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance

<table>
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<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>Match Alt ID/Match from Sample</td>
</tr>
<tr>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
</tbody>
</table>

**Other Reports:** See Section 1087-7 for testing requirements.

#### Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
    - (None)
  - M&T 913 Report (Steel)

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Assurance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/05/2003  
**Performed By:** rpace  
**Check In:** Changed to coincide with new project certification  
**Comment:** requirements. rkp
North Carolina Department of Transportation
Minimum Sampling Guide

Paint for Pavement Marking

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports: See Section 1087-7 for testing requirements.;Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/25/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Paint for Pavement Marking

### General
- **Group:** Traffic Control
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.01
- **Metric/English:** Metric
- **From Date:** 03/05/2003
- **To Date:** 09/23/2006
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** See Section 1087-7 for testing requirements.

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
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#### M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Assurance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** changed paint from match to sample to no match id  
**Comment:** required
### Paint for Pavement Marking

#### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** See Section 1087-7 for testing requirements.

#### Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
    - M&T RE Both

- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Assurance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:
- Technician Certifications: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Perform By: rpace
Check In: changed paint from match to sample to no match id
Comment: required
### Paint for Pavement Marking

**General**
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Material:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Status:** History
- **Version:** 1.00
- **From Date:** 03/20/1997
- **To Date:** 12/11/1999

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

**Small Quantity:**
- **Other Reports:** See Section 1087-7 for testing requirements.;Pay Adj Required

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Paint for Structural Steel

### General
- **Group:** Steel  
- **Status:** Expired  
- **How Received:** Material Receipt  
- **Version:** 3.01  
- **Metric/English:** Both  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Method of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** No Match, Alt ID Required  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** Yes 5 gal.(20 liters)  
- **Other Reports:** Independent Lab Test Results is only for inorganic zinc.

### Certification
- **Type:** Required  
- **Responsibility:** Both
  - M&T  
  - RE

### Test Formats
1. **Paint - Version 10**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both

### Testing Requirements
- **Test Category:** Verification  
- **Sample Frequency:** 500.00  
- **Sampling Responsibility:** M&T Lab  
- **Testing Responsibility:** M&T Lab

### Sample Comment
One sample = 1 quart (1 liter) container.

### Technician Certifications
(None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
**North Carolina Department of Transportation**

**Minimum Sampling Guide**

### Paint for Structural Steel

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Paint Manufacturers</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

#### Status

- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 5 gal.
- **Other Reports:** Independent Lab Test Results is only for inorganic zinc.

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,500.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** 1 sample per 2500 gallons or batch. See Paint Sampling Guide.

- **Technician Certifications:** (None)

#### Test Formats

1. **Paint - Version 10**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace

**Check In:** NEW 2013 MSG  
**Comment:**
### Paint for Structural Steel

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Paint Manufacturers</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

**Status:** Expired

**Version:** 3.02

**From Date:** 01/01/1999  
**To Date:** 12/31/2075

#### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 5 gal.(20 liters)
- **Other Reports:** Independent Lab Test Results is only for inorganic zinc.

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>4: Certified Test Reports (None)</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

#### Testing Requirements

- **Test Category**
  - Verification
  - Sample Frequency: 500.00
  - Sampling Responsibility: M&T Lab
  - Testing Responsibility: M&T Lab

**Sample Comment:** One sample = 1 quart (1 liter) container.

**Technician Certifications:** (None)

#### Test Formats

1. **Paint - Version 10**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**
## Paint for Structural Steel

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
<th>Status</th>
<th>Current</th>
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<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>2.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Paint Manufacturers</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td>4: Certified Test Reports</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td></td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>20 liters</td>
<td></td>
<td>M&amp;T</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Independent Lab Test Results is only for inorganic zinc.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>1,890.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample = 1 liter container.

Technician Certifications: (None)

### Test Formats

1. Paint - Version 10

   **Owning Lab:** Chemical Lab

   **IA Type:** None

   **Metric/English Code:** Both

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Wrong Facility Type.

**Comment:**

---

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Wrong Facility Type.

**Comment:**
### Paint for Structural Steel

#### General
- **Group:** Steel  
- **Status:** History  
- **How Received:** Material Receipt  
- **Version:** 1.00  
- **Metric/English:** Metric  
- **From Date:** 03/25/1997  
- **To Date:** 12/11/1999

#### Methods of Acceptance

<table>
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<tbody>
<tr>
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<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Certification

- **Type:** 1: Certified Mill Test Report
  - **Responsibility:**  
    - M&T
    - RE
    - Both

- **Required**
  - **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment:** Independent Lab Test Results; Pay Adj Required

#### Test Formats

1. **Paint - Version 10**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/25/1997  
**Performed By:** dgreene  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Paint for Structural Steel

General
Group: Steel  Status: Expired
How Received: Material Receipt  Version: 3.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Paint Manufacturers
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: Optional  1: Certified Mill Test Report
Approved List: N/A  4: Certified Test Reports
Visual Inspection: N/A  (None)
Catalog Cut: N/A  M &T RE Both
Field Inspection: N/A  M &T RE Both
Small Quantity: 5 gal.  M &T 913 Report (Steel)
Other Reports: Independent Lab Test Results is only for inorganic zinc.

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  500.00  M&T Lab  M&T Lab

Sample Comment: One sample = 1 quart container.
Technician Certifications: (None)

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: rpace
Check In: Changed to coincide with new project certification
Comment: requirements. rkp
Paint for Structural Steel

**General**

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Paint Manufacturers</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

**Status:** Expired  
**Version:** 3.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

**Pretest:** N/A  
**Alt ID Matching:** (None)  
**Sample/Test:** Optional  
**Approved List:** N/A  
**Visual Inspection:** N/A  
**Catalog Cut:** N/A  
**Field Inspection:** N/A  
**Small Quantity:** ✅ 5 gal.(20 liters)  
**Other Reports:** Independent Lab Test Results is only for inorganic zinc.

**Certification:** Required  
**Type**

| 1: Certified Mill Test Report |
| 4: Certified Test Reports |

**Responsibility**

<table>
<thead>
<tr>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

**M&T 913 Report (Steel)**

**Test Formats**

1. Paint - Version 10  
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample = 1 quart (1 liter) container.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Changed to coincide with new project certification  
**Comment:** requirements. rkp
# North Carolina Department of Transportation

## Minimum Sampling Guide

### Paint for Structural Steel

#### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Both
- **From Date:** 03/30/2001
- **To Date:** 03/30/2001
- **Facility Type:** Paint Manufacturers
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 5 gal.(20 liters)
- **Other Reports:** Independent Lab Test Results is only for inorganic zinc.

#### Certification
- **Certification:** Required
  - **Type:**
    - Standard: 1: Certified Mill Test Report
    - 4: Certified Test Reports
  - **Responsibility:**
    - M&T: Yes
    - RE: No
    - Both: Yes

#### Test Formats
1. Paint - Version 10
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/30/2001  
**Performed By:** rpace

**Check In:** changed approved plant type for paint for structural steel

**Comment:**
Paint for Structural Steel

General
- Status: History
- Version: 2.00
- From Date: 02/10/2000
- To Date: 03/15/2000

How Received: Material Receipt
Metric/English: English
Facility Type: Paint Manufacturers
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 5 gal.
- Other Reports: Independent Lab Test Results is only for inorganic zinc.

Certification: Required
- Type
  - 1: Certified Mill Test Report
  - 4: Certified Test Reports
  - (None)
- Responsibility
  - M&T
  - RE
  - Both

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None

Testing Requirements
- One sample = 1 quart container.
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Paint for Structural Steel

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
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</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<td>Sample/Test</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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### Other Reports

- Independent Lab Test Results; Pay Adj Required

### Testing Requirements

**Sample Comment:**

- Technician Certifications: (None)

### Test Formats

1. **Paint - Version 10**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Owning Lab</td>
<td>Chemical Lab</td>
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<tr>
<td>IA Type</td>
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<tr>
<td>Metric/English Code</td>
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<td>Sample/Test Remarks</td>
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</table>

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Paint for Structural Steel

#### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Independent Lab Test Results; Pay Adj Required

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

#### Test Formats
1. **Paint** - Version 10

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Paint for Structural Steel

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Paint Manufacturers</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>20 liters</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Independent Lab Test Results is only for inorganic zinc.</td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Category</td>
<td>Verification</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>1,890.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Sample Comment</td>
<td>One sample = 1 liter container.</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

**Test Formats**

1. Paint - Version 10

- **Owning Lab**: Chemical Lab
- **IA Type**: None
- **Metric/English Code**: Both
- **Sample/Test Remarks**: M&T 913 Report (Steel)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv

**Check In:** Wrong Facility Type.
**Comment:**
Paint for Structural Steel

General
Group: Paints and Coatings
How Received: Material Receipt
Metric/English: English
Facility Type: Paint Manufacturers
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 3.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □ 5 gal.
Other Reports: Independent Lab Test Results is only for inorganic zinc.

Certification: Required
Type
1: Certified Mill Test Report
4: Certified Test Reports
(Non) M&T

Responsibility
M&T RE Both

Sampling Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Verification | 2,500.00 | M&T Lab | M&T Lab

Sample Comment: 1 sample per 2500 gallons or batch. See Paint Sampling Guide.

Technician Certifications: (None)

Test Formats
1. Paint - Version 10

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Paint for Structural Steel

General

Group: Paints and Coatings
Status: Current
How Received: Material Receipt
Version: 3.03
Metric/English: Both
From Date: 01/01/1999
Facility Type: Paint Manufacturers
To Date: 12/31/2075
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 5 gal.(20 liters)
Other Reports: Independent Lab Test Results is only for inorganic zinc.

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: M&amp;T Lab</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>4: M&amp;T Lab</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
</tr>
</tbody>
</table>

Testing Requirements

Test Category         Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification          500.00           M&T Lab                M&T Lab

Sample Comment: One sample = 1 quart (1 liter) container.

Technician Certifications: None

Test Formats

1. Paint - Version 10

  Owning Lab: Chemical Lab
  IA Type: None
  Metric/English Code: Both
  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Pavement Interlayers

General

Group: Asphalt
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Critical
MSG Responsibility: Asphalt Lab

Status: Current
Version: 1.00
From Date: 05/20/2015
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
(Yes)
(No)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

☐ M&T 913 Report (Steel)

Action Date: 05/20/2015
Performed By: twhittington
Check In
New Special Provision -
Comment:
### Pavement Markers

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Traffic Control</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Other</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Traffic Engineering</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>False</td>
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<tr>
<td>Other Reports</td>
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#### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td></td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>
North Carolina Department of Transportation
Minimum Sampling Guide

Pavement Markers

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: Other
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Status: Current
Version: 2.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
2: Typical Certified Mill Test Report
(Required)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

☐ M&T 913 Report (Steel)

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Pavement Markers

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: Other
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Changed certification status from non-critical to critical
Comment:
Pavement Markers

General
- Group: Traffic Control
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Minor
- MSG Responsibility: Chemical Lab

Status: History
Version: 1.00
From Date: 03/27/1997  To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements
- Sample Comment: 
- Technician Certifications: (None)

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

Action Date: 03/27/1997  Performed By: twhillington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pavement Markers

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group:</td>
<td>Traffic Control</td>
</tr>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Other</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Traffic Engineering</td>
</tr>
<tr>
<td>Status:</td>
<td>Expired</td>
</tr>
<tr>
<td>Version:</td>
<td>2.00</td>
</tr>
<tr>
<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date:</td>
<td>12/31/2075</td>
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</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest:</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching:</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test:</td>
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</tr>
<tr>
<td>Approved List:</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>Optional</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
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</tr>
<tr>
<td>Small Quantity:</td>
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</tr>
<tr>
<td>Other Reports:</td>
<td></td>
</tr>
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</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment:</td>
<td></td>
</tr>
<tr>
<td>Technician Certifications:</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: Changed certification status from non-critical to critical
Comment:
### Pavement Markers, Bituminous Adhesive for

**General**
- **Group:** Traffic Control  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Chemical Lab

**Methods of Acceptance**
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** Required  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** See 1081-3 for specifications

#### Certification
- **Required Type:**  
  - 4: Certified Test Reports  
- **Responsibility:**  
  - M&T  
  - RE  
  - Both

#### Test Category
<table>
<thead>
<tr>
<th>Verification</th>
<th>999,999.00</th>
<th>Project Personnel</th>
<th>M&amp;T Lab</th>
</tr>
</thead>
</table>

**Sample Comment:** One box containing 2 to 4 subcompartments weighing 50-60 lbs.

**Technician Certifications:** (None)
Pavement Markers, Bituminous Adhesive for

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Metric
Status: Current
Version: 1.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: See 1081-7 for specifications.

Testing Requirements
Test Category: Verification
Sample Frequency: 999,999.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab
Sample Comment: One box with 2 to 4 subcompartments weighing 25-30 kg.

Certification: Required
Type: 4: Certified Test Reports
Responsibility: M&T

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009
Performed By: rpace
Check In: Changed Pretest from required to n/a; changed cert from type 3 to type 4
Comment: (None)
## Pavement Markers, Bituminous Adhesive for

### General
- **Group:** Traffic Control
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 1.01
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** See 1081-7 for specifications

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One box containing 2 to 4 subcompartments weighing 50-60 lbs.

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date:
01/06/2009

### Performed By:
rpace

### Check In:
Changed Pretest from required to n/a; changed cert from

### Comment:
type 3 to type 4
Pavement Markers, Bituminous Adhesive for

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 1.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: See 1081-7 for specifications.

Certification: Required
Type

3: Manufacturer's Certification
- M&T RE Both
  (None)
  (None)
  M&T RE Both
- M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 Project Personnel M&T Lab

Sample Comment: One box with 2 to 4 subcompartments weighing 25-30 kg.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pavement Markers, Bituminous Adhesive for (Metric) -
Comment: Changed Project Certification to Non-Critical.
Pavement Markers, Bituminous Adhesive for

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Expired
Version: 1.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Other Reports: See 1081-7 for specifications

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 999,999.00 | Project Personnel | M&T Lab

Sample Comment: One box containing 2 to 4 subcompartments weighing 50-60 lbs.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pavement Markers, Bituminous Adhesive for (English)
Comment: Changed Project Certification to Non-Critical.
Pavement Markings

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Traffic Control</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
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<td>Status</td>
<td>Current</td>
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<td>Version</td>
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<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>See Section 1087-7(B) for Certification Requirements</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See 1087-7.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pavement Markings

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 4.00
From Date: 03/15/2005 To Date: 03/15/2005

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: See Section 1087-7(B) for Certification Requirements

Certification: Required
Type
3: Manufacturer's Certification
4: Certified Test Reports
Other

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 100,000.00 Project Personnel M&T Lab

Sample Comment: See 1087-7.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2005
Performed By: fmoody
Check In: Pavement Marking - Metric - added Type 4 certification
Comment:
**Pavement Markings**

**General**

- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** See Section 1087-7(B) for Certification Requirements

**Certification**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Test Category:** Verification
- **Sample Frequency:** 100,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

**Sample Comment:** See 1087-7.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/16/2004  
**Performed By:** fmoody

**Check In:** Pavement Markings (Metric) - Changed Project Certification to Non-Critical.
Pavement Markings

General
- **Group:** Traffic Control
- **Status:** History
- **Version:** 2.00
- **From Date:** 04/08/2003
- **To Date:** 04/08/2003
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** See Section 1087-7(B) for Certification Requirements

Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 100,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** See 1087-7.
- **Technician Certifications:** (None)

Certification:
- **Type:** Required
- **Responsibility**:
  - 3: Manufacturer's Certification
    - M&T
    - RE
    - Both
  - Other
    - (None)
    - M&T
    - RE
    - Both

- **M&T 913 Report (Steel)**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/08/2003
**Performed By:** rpace
**Check In:** Changed certification status from non-critical to critical
**Comment:**
Pavement Markings

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 4.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: □
Other Reports: See Section 1087-8 for Certification Requirements

Certification: Required
Type
3: Manufacturer's Certification
M&T RE Both
4: Certified Test Reports
M&T RE Both
Other
M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 100,000.00 | Project Personnel | M&T Lab

Sample Comment: see 1087.

Technician Certifications: (None)
Pavement Markings

General
- Group: Traffic Control
- How Received: Pay Record
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Minor
- MSG Responsibility: Chemical Lab

From Date: 03/27/1997
To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: See Section 1087-7(B) for Certification Requirements; Prepayment Invoice Required; Pay Adj Required

Certification:
- Type: Required
- Responsibility:
  - 2: Typical Certified Mill Test Report
    - M&T
    - RE
    - Both

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pavement Markings

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 2.00
From Date: 04/08/2003
To Date: 04/08/2003

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: Required
Type
3: Manufacturer's Certification
   Responsibility
   ○ M&T ○ RE ○ Both
   Other
   ○ M&T ○ RE ○ Both
   (None)
   ☐ M&T 913 Report (Steel)

Other Reports: See Section 1087 for Certification Requirements

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 100,000.00 | Project Personnel | M&T Lab

Sample Comment: see 1087.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/08/2003
Performed By: rpace
Check In: Changed certification status from non-critical to critical
Comment:
## Pavement Markings

### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** See Section 1087-7(B) for Certification Requirements

#### Testing Requirements
- **Test Category:** Verification
  - **Sample Frequency:** 100,000.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab

**Sample Comment:** See 1087-7.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Pavement Marking - Both - added Type 4 certification

**Comment:**

**Certification:**
- **Type:** Required
- **Responsibility**:
  - 3: Manufacturer's Certification
    - M&T
    - RE
    - Both
  - 4: Certified Test Reports
    - M&T
    - RE
    - Both
  - Other
    - M&T
    - RE
    - Both

- **M&T 913 Report (Steel)**
Pavement Markings

General

Group: Traffic Control  Status: History
How Received: Material Receipt  Version: 3.01
Metric/English: English  From Date: 03/15/2005  To Date: 09/23/2006
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A  Alt ID Matching: (None)
Sample/Test: N/A  Approved List: Required
Visual Inspection: N/A  Catalog Cut: N/A
Field Inspection: N/A  Small Quantity: □
Other Reports: See Section 1087 for Certification Requirements

Certification: Required  Type  Responsibility
3: Manufacturer's Certification  ○ M&T  ● RE  ○ Both
4: Certified Test Reports  ○ M&T  ● RE  ○ Both
Other  ○ M&T  ● RE  ○ Both

M&T 913 Report (Steel)

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  100,000.00  Project Personnel  M&T Lab

Sample Comment: see 1087.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In  Pavement Marking - English - added Type 4 certification
Comment:
Pavement Markings

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: See Section 1087-7(B) for Certification Requirements

Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>○ M&amp;T ● RE ○ Both</td>
</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>○ M&amp;T ● RE ○ Both</td>
</tr>
<tr>
<td>Other</td>
<td>○ M&amp;T ● RE ○ Both</td>
</tr>
</tbody>
</table>

Other Reports:

- M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pavement Markings (Metric) - changed Default Authorizing Lab to Chemical Lab.
### Pavement Markings

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
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<td>Group</td>
<td>Traffic Control</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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<table>
<thead>
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<tbody>
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<td>01/01/1999</td>
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<tr>
<td>To Date</td>
<td>12/31/2075</td>
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**Methods of Acceptance**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Sample/Test</td>
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<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- 3: Manufacturer's Certification
- 4: Certified Test Reports
- Other

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See 1087-7.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Pavement Markings

## General
- **Group:** Traffic Control
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 04/16/2004
- **To Date:** 04/16/2004
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

## Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - M&T
    - RE
    - Both
  - Other
    - (None)
  - M&T 913 Report (Steel)

## Testing Requirements
- **Test Category:** Verification
  - **Sample Frequency:** 100,000.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab

## Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 04/16/2004  
**Performed By:** fmoody  
**Check In:** Pavement Markings (Both) - Changed Project Certification  
**Comment:** to Non-Critical.
Pavement Markings

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Traffic Control</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
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<tr>
<td>Sample/Test</td>
<td>N/A</td>
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<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
</tbody>
</table>

Other Reports: See Section 1087-7(B) for Certification Requirements

Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Category</td>
<td>Verification</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>100,000.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: See 1087-7.

Technician Certifications: (None)

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/08/2003
Perform By: rpace
Check In: Changed certification status from non-critical to critical
Comment:
### Pavement Markings

#### General

<table>
<thead>
<tr>
<th>Field Section</th>
<th>Traffic Control</th>
<th>Status: History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Pay Record</td>
<td>Version: 1.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
<td>From Date: 10/15/1997</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date: 12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
<td>Group: Minor</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Field Section</td>
<td>MSG Responsibility: Field Section</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | No |
| Other Reports: | See Section 1087-7(B) for Certification Requirements; Prepayment Invoice Required; Pay Adj Required |

#### Certification

<table>
<thead>
<tr>
<th>Certification: Required</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
</tbody>
</table>

- M & T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Testing Requirements

#### Sample Comment:

Technician Certifications: (None)
# Pavement Markings

## General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐

Other Reports: See Section 1087 for Certification Requirements

## Certification
- **Required Type:** 3: Manufacturer's Certification
- **Responsibility:**
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

## Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Verification | 100,000.00 | Project Personnel | M&T Lab

Sample Comment: see 1087.

Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/16/2004  
**Performed By:** fmoody

**Check In:** Pavement Markings (English) - Changed Project Certification to Non-Critical.
Pavement Markings

General

Group: Traffic Control
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: History
Version: 1.00
From Date: 03/27/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: See Section 1087-7(B) for Certification Requirements; Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Typical Certified Mill Test Report</td>
<td>○ M&amp;T ● RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/27/1997  Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Pavement Markings

#### General

- **Group:** Traffic Control
- **Status:** Expired
- **Version:** 4.00
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075

- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** See Section 1087 for Certification Requirements

#### Certification

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
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</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>Other</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** see 1087.
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 01/01/1999  
Performed By: fmoody  
Check In Pavilion Marking - English - added Type 4 certification  
Comment:*
Pavement Markings

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 4.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: See Section 1087-8 for Certification Requirements

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other</td>
<td>M&amp;T RE Both</td>
</tr>
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</table>

Testing Requirements
Test Category: Verification
Sample Frequency: 100,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: See 1087-7.
Technician Certifications: (None)

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
# Pavement Markings

## General
- **Group:** Traffic Control
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 4.01
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** See Section 1087-8 for Certification Requirements

## Certification
- **Type:**
  - 3: Manufacturer's Certification
  - 4: Certified Test Reports
  - Other

## Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 100,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

## Sample Comment
- See 1087-7.

## Technician Certifications
- (None)

---

**Action Date:** 02/14/2013  
**Performed By:** rpace

**Check In:** New 2013 MSG  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Pavement, Concrete

General
Group: Concrete
How Received: Pay Record
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/15/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment: See Section 700 of the Specifications for details.
Technician Certifications: (None)

Test Formats
1. Physical Lab Miscellaneous Test - Version 4
   
   □ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pavement, Concrete

General
Group: Concrete  Status: History
How Received: Pay Record  Version: 1.00
Metric/English: English  From Date: 05/15/1997  To Date: 12/11/1999
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: None
Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required; Pay Adj Required

Certification: N/A
Type
(None)
(None)
(None)
N/A
N/A

Responsibility
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment: See Section 700 of the Specifications for details.
Technician Certifications: (None)

Test Formats
1. Physical Lab Miscellaneous Test - Version 4
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997  Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pavement, Portland Cement Concrete

General

Group: Concrete
How Received: Not Received
Metric/English: Metric
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Archive
Version: 4.00
From Date: 06/30/2012 To Date: 06/30/2012

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Type

Responsibility

☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

☐ M&T 913 Report (Steel)

Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1,333.00 Project Personnel Project Personnel
IA - Comparative 10,000.00 M&T Field M&T Field

Sample Comment: See Section 700 of the Specifications for details.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Pavement, Portland Cement Concrete

General
- Group: Concrete
- How Received: Not Received
- Metric/English: English
- Facility Type: Ready-Mix Concrete
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Status: Archive
Version: 4.00
From Date: 06/30/2012
To Date: 06/30/2012

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
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<tr>
<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: See Section 700 of the Specifications for details.

Technician Certifications: (None)

Test Formats
1. Physical Lab Miscellaneous Test - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Pavement, Portland Cement Concrete

**General**

- **Group:** Concrete
- **Status:** Archive
- **How Received:** Not Received
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 06/29/2012
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
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<td>Acceptance</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
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<tr>
<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
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**Sample Comment:** See Section 700 of the Specifications for details.

**Technician Certifications:** (None)

**Test Formats**

1. **Physical Lab Miscellaneous Test - Version 4**

- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pavement, Portland Cement Concrete

General

- **Group:** Concrete  
- **How Received:** Pay Record  
- **Metric/English:** Metric  
- **Facility Type:** Ready-Mix Concrete  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab

**Status:** History  
**Version:** 2.00  
**From Date:** 06/29/2000  
**To Date:** 07/07/2000

Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

**Certification:** N/A  
**Responsibility**

- (None)  
- (None)  
- (None)  
- M&T 913 Report (Steel)

Testing Requirements

- **Sample Comment:** See Section 700 of the Specifications for details.  
- **Technician Certifications:** (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4  
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2000  
Performed By: rpace  
Check In: Changed per Kelly Croft's request. TWW  
Comment:
## Pavement, Portland Cement Concrete

### General
- **Group:** Concrete  
  - **Status:** Archive  
  - **Version:** 3.00  
  - **From Date:** 01/01/1999  
  - **To Date:** 06/29/2012  
- **How Received:** Not Received  
- **Metric/English:** English  
- **Facility Type:** Ready-Mix Concrete  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,333.00</td>
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<td>Project Personnel</td>
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<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:** See Section 700 of the Specifications for details.

**Technician Certifications:** (None)

### Test Formats
#### 1. Physical Lab Miscellaneous Test - Version 4
- **Owning Lab:** Physical Lab  
- **IA Type:** None  
- **Metric/English Code:** Both  
- **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pavement, Portland Cement Concrete

#### General
- **Group:** Concrete
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** Ready-Mix Concrete
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |

#### Testing Requirements

- **Sample Comment:** See Section 700 of the Specifications for details.
- **Technician Certifications:** (None)

#### Test Formats

1. **Physical Lab Miscellaneous Test** - Version 4
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

#### Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Last Updated:** 06/29/2000

**Performed By:** rpace

**Check In** Changed per Kelly Croft's request. TWW

**Comment:**
Pavement, Portland Cement Concrete

General

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<tr>
<td>Group</td>
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<td>Metric</td>
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<td>Facility Type</td>
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Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Other Reports</td>
<td>M&amp;T 250, M&amp;T 253, and M&amp;T 903; Prepayment Invoice Required</td>
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Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Test Category</td>
<td>Acceptance</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>1,333.00</td>
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<tr>
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<tr>
<td>Testing Responsibility</td>
<td>Project Personnel</td>
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<tr>
<td>Sample Comment</td>
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<tr>
<td>Technician Certifications</td>
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Test Formats

1. Physical Lab Miscellaneous Test - Version 4

<table>
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<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Owning Lab</td>
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<tr>
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<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pavement, Portland Cement Concrete - Metric - Changed
Comment: How Received from Pay Record to Not Received. Added
Freq - IA-Comparative 10,000 sq. yd, Responsibilities of

M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

11/15/2006
Pavement, Portland Cement Concrete

General

Group: Concrete
How Received: Not Received
Metric/English: English
Facility Type: Ready-Mix Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 2.01
From Date: 05/14/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
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</tr>
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</table>

Other Reports: M&T 250, M&T 253, and M&T 903; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,333.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment: See Section 700 of the Specifications for details.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pile Plates, Steel

General
- Group: Steel
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports:

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Certification:
- Required Type
  - 1: Certified Mill Test Report
    - (None)
    - (None)
  - M&T 913 Report (Steel)

Responsibility:
- M&T RE Both
- M&T RE Both
- M&T RE Both

Action Date: 07/11/2007
Performed By: fmoody
Check In: Add new material to MSG
Comment:
### Pile Plates, Steel

#### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG

**Comment:**
Pile Plates, Steel

General

- Group: Steel
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports:

Testing Requirements

- Sample Comment: New MSG Groups 2013
- Technician Certifications: (None)

Certification:

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>M &amp; T 913 Report (Steel)</td>
<td>M &amp; T</td>
<td>RE</td>
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Action Date: 07/11/2007
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
### Pile Points

#### General

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<table>
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<table>
<thead>
<tr>
<th>Metric/English</th>
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<tr>
<td>Both</td>
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<table>
<thead>
<tr>
<th>Facility Type</th>
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<tr>
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<thead>
<tr>
<th>Default Auth Lab</th>
<th>MSG Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural Members - Steel</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest         | N/A        |
| Alt ID Matching | (None)     |
| Sample/Test     | N/A        |
| Approved List   | Required   |
| Visual Inspection| N/A       |
| Catalog Cut     | Optional   |
| Field Inspection| N/A        |

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<thead>
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#### Testing Requirements

<table>
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<th>Sample Comment</th>
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</table>

<table>
<thead>
<tr>
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</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Changed to coincide with new project certification  
**Comment:** requirements. rkp
Minimum Sampling Guide

Pile Points

General

Group: Steel

How Received: Material Receipt

Metric/English: Both

Facility Type: None

Default Auth Lab: Structural Members - Steel

Project Certification: Critical

MSG Responsibility: Structural Members

Status: Expired

Version: 2.01

From Date: 01/01/1999

To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A

Alt ID Matching: None

Sample/Test: N/A

Approved List: Required

Visual Inspection: N/A

Catalog Cut: Optional

Field Inspection: N/A

Small Quantity: No Samples - Check approved list.

Other Reports:

Certification: Required Type

1: Certified Mill Test Report

Buy America

(Required List)

M&T RE Both

M&T RE Both

M&T RE Both

M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: (None)

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013

Performed By: rpace

Check In: New 2013 MSG

Comment:
### Pile Points

#### General

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<th>To Date</th>
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<td>12/31/2075</td>
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<tr>
<td>Material Receipt</td>
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#### Methods of Acceptance

<table>
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<th>Field Inspection</th>
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<th>Other Reports</th>
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<tbody>
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#### Certification

<table>
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<th>Type</th>
<th>Responsibility</th>
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<tr>
<td>1: Certified Mill Test Report</td>
<td>Required</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America</td>
<td></td>
<td>M&amp;T RE Both</td>
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- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
<thead>
<tr>
<th>Sample Comment</th>
<th>Technician Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Samples - Check approved list.</td>
<td>(None)</td>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013  
**Comment:**

---

[State of North Carolina Department of Transportation]

---

03/18/2019
Pile Points or Tips

General
- Group: Steel
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members
- Status: History
- Version: 1.00
- From Date: 10/15/1997
- To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements
- Sample Comment: 
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pile Tips

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Status: Expired
Version: 1.02
From Date: 01/01/1999 To Date: 12/31/2075

Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report
Buy America
(0)
M&T 913 Report (Steel)

Responsibility

M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Action Date: 02/14/2013 Performed By: rpace
Check In New 2013 MSG
Comment:
Pile Tips

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 1.03
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Certification: Required
Type
1: Certified Mill Test Report
Buy America
(Both)

Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment:

Technician Certifications: (None)
Pile Tips

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
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<tbody>
<tr>
<td>How Received</td>
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<td>Metric/English</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</table>

Status: Expired

Version: 1.00

From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

<table>
<thead>
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<tbody>
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<td>Approved List</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td></td>
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<tr>
<td>Other Reports</td>
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</table>

Testing Requirements

Sample Comment: (None)

Technician Certifications: (None)

Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Action Date: 01/01/1999  Performed By: v6conv
Check In
Comment:
### Pile Tips

#### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

<table>
<thead>
<tr>
<th>Certification Type</th>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>[ ] M&amp;T [ ] RE [ ] Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
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</table>

- **M&T 913 Report (Steel)**

---

**Action Date:** 06/29/2012  
**Performed By:** rpace

**Check In:** m  
**Comment:**
### Pile, Vinyl Sheet

**General**
- **Group:** Select Materials
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Status:** Expired
- **Version:** 1.00
- **From Date:** 10/06/2015
- **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** ASTM D4216

**Testing Requirements**

**Sample Comment:**
- **Technician Certifications:** (None)

**Certification:** Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
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<tr>
<td>(None)</td>
<td>M &amp; T</td>
<td>○ M &amp; T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
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<td>○ M &amp; T ○ RE ○ Both</td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Pile, Vinyl Sheet

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** ASTM D4216

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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</tbody>
</table>

- **Certification:** Required
- **Type:** M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** wrong group
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/06/2015  
**Performed By:** rpace  
**Check In:** wrong group  
**Comment:**
## Piles, Jacket

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
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<tbody>
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<td>M &amp; T</td>
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<td>RE  Both</td>
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<tr>
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<td>M &amp; T</td>
<td>RE  Both</td>
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</table>

- **Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

- **Action Date:** 11/08/2017
- **Performed By:** fdward
- **Check In:** Add New Materials Type - Piles, Jacket
- **Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Piles, Steel, Coated

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Structural Steel
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 02/15/2001 To Date: 02/15/2001

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: Required
Type
1: Certified Mill Test Report

Responsibility
M&T RE Both

Test Formats
1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Piles, Steel, Coated

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: Required

Type
Responsibility
1: Certified Mill Test Report
   (None)
   (None)
   M&T
   RE
   Both
   M&T
   RE
   Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Piles, Steel, Coated

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Structural Steel Coaters</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
</tr>
<tr>
<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
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#### Methods of Acceptance

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<th>Value</th>
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<tbody>
<tr>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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#### Testing Requirements

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#### Test Formats

1. **Steel Alloy - Version 5**

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<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

2. **Steel Alloy - Version 5**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Piles, Steel, Coated

## General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 04/10/2001
- **To Date:** 04/10/2001
- **Facility Type:** Structural Steel Coaters
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

### Certification
- **Required**
- **Type**
  - 1: Certified Mill Test Report
    - (None)
- **Responsibility**
  - M&T
  - RE
  - Both

### Sample/Test Remarks:
- M&T 913 Report (Steel)

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

### Sample Comment:
- Pre-inspected

### Technician Certifications:
- (None)

### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 04/10/2001

**Performed By:** dgreene

**Check In:** Changed

**Comment:**
Plies, Steel, Coated

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Structural Steel
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 02/15/2001 To Date: 02/15/2001

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)
Responsibility
M&T
RE
Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Field

Sample Comment: Pre-inspected
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/15/2001
Performed By: twittington
Check In: Need to populate Structural Steel Coaters Facilities List
Comment:
Piles, Steel, Coated

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Structural Steel Coaters
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel

Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category: Pretest
Sample Frequency: 999,999.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Field
Sample Comment: Pre-inspected
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None            |
   | Metric/English Code: Both|
   | Sample/Test Remarks:     |

2. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None            |
   | Metric/English Code: Both|
   | Sample/Test Remarks:     |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: rpace
Check In: Changed Piles, coated to FIR
Comment:
Piles, Steel, Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Structural Steel Coaters
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 3.00
From Date: 09/04/2002
To Date: 09/04/2002

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: Required

Responsibility

<table>
<thead>
<tr>
<th>Type</th>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report (None)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2: Certified Mill Test Report (None)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

Test Category: Pretest
Sample Frequency: 999,999.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Field
Sample Comment: Pre-inspected
Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None

   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None

   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/04/2002
Performed By: dgreene
Check In: Add Facility type
Comment:
Piles, Steel, Coated

General
Group: Steel  Status: History  Version: 1.00
How Received: Material Receipt  From Date: 10/15/1997  To Date: 12/11/1999
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Minimum Sampling Guide

### Piles, Steel, Coated

#### General
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 4.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** English
- **Facility Type:** Structural Steel Coaters
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Inspection Type(s)</th>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>No Match, Alt ID Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Required</td>
<td>Structural Steel</td>
<td>Optional</td>
<td>M&amp;T Lab, RE, Both</td>
</tr>
</tbody>
</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Pre-inspected. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

- **Technician Certifications:** (None)

#### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
### Piles, Steel, Coated

#### General
- **Group:** Steel  
- **Status:** History  
- **How Received:** Material Receipt  
- **Version:** 3.01  
- **Metric/English:** Metric  
- **From Date:** 09/24/2002  
- **To Date:** 09/23/2006  
- **Facility Type:** Structural Steel Coaters  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members  

#### Methods of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required  

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pre-inspected

**Technician Certifications:** (None)

#### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Changed Bridge Joints to FIR  
**Comment:**
Piles, Steel, Coated

General

Group: Steel  Status: History

How Received: Material Receipt  Version: 3.01

Metric/English: English  From Date: 09/24/2002  To Date: 09/23/2006

Facility Type: Structural Steel Coaters

Default Auth Lab: Structural Members - Steel

Project Certification: Critical

MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required  Certification: Optional Type

Alt ID Matching: No Match  Responsibility

Sample/Test: N/A  1: Certified Mill Test Report

Approved List: N/A  (None)

Visual Inspection: N/A  (None)

Catalog Cut: N/A  M &T 913 Report (Steel)

Field Inspection: Required

Small Quantity: No  Metric/English Code:

Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  999,999.00  M&T Lab  M&T Field

Sample Comment: Pre-inspected

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

   Owning Lab: Chemical Lab  Metric/English Code: Both

   IA Type: None  Sample/Test Remarks:

2. Steel Alloy - Version 5

   Owning Lab: Chemical Lab  Metric/English Code: Both

   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Piles, Steel, Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Structural Steel Coaters
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Correcting
Version: 4.03
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Structural Steel

Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Field

Sample Comment: Pre-inspected. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/26/2015
Performed By: fdward
Check In Comment:
## Piles, Steel, Coated

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Structural Steel Coaters</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Required</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
<td>No Match, Alt ID Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T or RE or Both</td>
</tr>
<tr>
<td>Buy America</td>
<td>M&amp;T or RE or Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

### Sample Comment

Pre-inspected. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

### Technician Certifications

(None)

### Test Formats

1. Steel Alloy - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. Steel Alloy - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/26/2013

Performed By: rpace

Check In: changed alt id from piece number to heat number

Comment:
Piles, Steel, Coated

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
<th>Status:</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>4.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Structural Steel Coaters</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

Inspection Type(s): Structural Steel

Small Quantity: No Match

Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-inspected

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. Steel Alloy. - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/26/2013
Performed By: rpace
Check In: changed alt id from piece to heat
Comment:
## Piles, Steel, Plain

### General
- **Group:** Steel
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 2.04
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]

### Other Reports
- Prepayment Invoice Required; Piles for temporary use requires a Type 7

### Certification
- **Type:** Required
- **Responsibility:**
  - 1: Certified Mill Test Report
  - Buy America

### Testing Requirements

#### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Sample/Test Remarks:
- No project acceptance samples accepted by certification. Heat Numbers on piles must match heat numbers on certification. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.
Piles, Steel, Plain

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required Inspection Type(s): Structural Steel

Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: No sample - accepted by certification

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In Add FIR to Pile, Steel, Plain - Metric
Comment:
## Piles, Steel, Plain

### General
- **Group:** Steel
- **Status:** History
- **Version:** 1.00
- **From Date:** 10/15/1997  
- **To Date:** 12/11/1999

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>N/A</td>
<td>N/A</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
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</tbody>
</table>

### Testing Requirements

- **Sample Comment:**
  - Technician Certifications: (None)

### Test Formats

1. **Steel Alloy** - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_** - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Piles, Steel, Plain

General
Group: Steel  Status: Expired
How Received: Material Receipt  Version: 2.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type:
Sample/Test: N/A  Responsibility:
Approved List: N/A  1: Certified Mill Test Report
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel
Small Quantity:
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: No sample - accepted by certification
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |
   | Metric/English Code: Both |
   | Sample/Test Remarks: |

2. Steel Alloy_ - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |
   | Metric/English Code: Both |
   | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Piles, Steel, Plain**

**General**

- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
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</table>

- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Sample Comment:**  
- **Technician Certifications:** (None)

**Test Formats**

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Piles, Steel, Plain

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.04
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: No sample - accepted by certification Heat numbers on piles must match heat numbers on certification

Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy_ - Version 5
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T 913 Report (Steel)

Action Date: 08/06/2009
Performed By: rpace
Check In: corrected certifications
Comment:
### Piles, Steel, Plain

#### General
- **Group:** Steel
- **Status:** Expired
- **Version:** 2.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:** No sample - accepted by certification. Heat Numbers on piles must match heat numbers on certification.
- **Technician Certifications:** (None)

#### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

#### Certification
- Required
- **Type:** M&T 913 Report (Steel)
- **Responsibility:**
  - M&T
  - RE
  - Both

---

**Action Date:** 08/06/2009  
**Performed By:** rpace

**Check In:** Corrected certifications

**Comment:**
### Piles, Steel, Plain

#### General
- **Group:** Steel
- **Status:** Expired
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Version:** 2.03

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

#### Certification

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<td>Desired</td>
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</table>

#### Testing Requirements
- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

#### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 08/06/2009  
**Performed By:** fdward

**Check In:** Add Field Inspection Report - Structure Steel

**Comment:**
### Piles, Steel, Plain

**General**

- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.02
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

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<th>Requirement</th>
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<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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**Certification:** Required

<table>
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</table>

**Inspection Type(s):** Structural Steel

**Testing Requirements**

- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

**Test Formats**

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Action Date:** 08/06/2009 **Performed By:** fdward

**Comment:**

- **Check In:** Add Field Inspection Report - Structure Steel
Piles, Steel, Plain

General

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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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Methods of Acceptance

| Pretest         | N/A                        |
| Alt ID Matching | (None)                     |
| Sample/Test     | N/A                        |
| Approved List   | N/A                        |
| Visual Inspection | Required                  |
| Catalog Cut     | N/A                        |
| Field Inspection | N/A                       |
| Small Quantity  |                            |
| Other Reports   | Prepayment Invoice Required|

Certification:

<table>
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<th>Type</th>
<th>Responsibility</th>
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<tbody>
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<td>M&amp;T, RE, Both</td>
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Testing Requirements

| Sample Comment: | No sample - accepted by certification |
| Technician Certifications: | (None) |

Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Action Date: 05/22/2008
Performed By: rpace
Check In: Removed the FIR requirement. Acceptance is on certs.
Comment:
Piles, Steel, Plain

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members
Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A

Certification: Required

<table>
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<th>Responsibility</th>
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<td>1. Certified Mill Test Report (None)</td>
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<tr>
<td>2. M&amp;T 913 Report (Steel)</td>
<td>M&amp;T, RE Both</td>
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Inspection Type(s): Structural Steel

Testing Requirements
Sample Comment: No sample - accepted by certification
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |

   Metric/English Code: Both

   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |

   Metric/English Code: Both

   Sample/Test Remarks:

Action Date: 02/28/2007
Performed By: fmoody
Check In: Changed Structural Steel FIR Required to N/A and added Visual Inspection to Required.
## Piles, Steel, Plain

### General
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Certification
- **Type:** Required
- **Responsibility**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both
  - (None)
  - (None)

### Action Date:** 02/28/2007  **Performed By:** fmoody
**Check In:** Changed Structural Steel FIR Required to N/A and added Visual Inspection to Required.
Piles, Steel, Plain

General

<table>
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<th>Details</th>
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<tbody>
<tr>
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<td>Metric</td>
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<td>MSG Responsibility</td>
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Methods of Acceptance

<table>
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<tr>
<th>Feature</th>
<th>Details</th>
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<tbody>
<tr>
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<td>Small Quantity</td>
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<td>Other Reports</td>
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Testing Requirements

<table>
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<th>Feature</th>
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<tbody>
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<tr>
<td>Technician Certifications</td>
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Test Formats

1. Steel Alloy - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. Steel Alloy_ - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Piles, Steel, Plain

#### General
- **Group:** Steel
- **Status:** History
- **Version:** 1.01
- **From Date:** 05/18/2006
- **To Date:** 09/23/2006
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

#### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** 

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** 

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Add FIR to Piles, Steel, Plain - English  
**Comment:** 

North Carolina Department of Transportation
Minimum Sampling Guide

Piles, Timber

General
Group: Structural
How Received: Material Receipt
Metric/English: Metric
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 1.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports: Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Lab

Sample Comment: Pretested
Technician Certifications: (None)

Certification: N/A
Type
Responsibility
(Both)
(Both)
M&T
RE
(Both)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: dgreene
Check In
Comment: changed alt id - no match removed certification required
Piles, Timber

General

Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 1.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Stamped by Contract Inspector; Prepayment Invoice Required

Certification: Required
Type
Responsibility
4: Certified Test Reports
M&T RE Both
(None)
M&T RE Both
(Both)
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Lab

Sample Comment: Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Piles, Timber

General
Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 1.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Responsibility
- M&T
- RE
- Both

Default Auth Lab: Structural Members - Steel

Other Reports:
- Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Lab

Sample Comment: Pretested
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: dgreene
Check In: removed required certification
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Piles, Timber

General
- **Group:** Structural
- **Status:** Expired
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Version:** 1.01

**Materials:**
- **Critical Structural Members:**
- **Wood Products:**
- **Facility Type:** Wood Products
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Stamped by Contract Inspector; Prepayment Invoice Required

**Certification:** Required
- **Type:** M & T
- **Responsibility:** M & T

- **Certification:** Required
- **Type:** RE
- **Responsibility:** RE

- **Certification:** Both
- **Type:** Both
- **Responsibility:** Both

- **Certification:** M & T 913 Report (Steel)

**Testing Requirements**

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<th>Test Category</th>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009
**Performed By:** rpace
**Check In:** Changed from Pretest req. to Type 4 cert req. by RE.
**Comment:** Added comments
### Piles, Timber

**Group:** Structural  
**Status:** Current  
**How Received:** Material Receipt  
**Version:** 1.01  
**Metric/English:** Metric  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075  
**Facility Type:** Wood Products  
**Default Auth Lab:** Structural Members - Steel  
**Project Certification:** Critical  
**MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Small Quantity:**

- **Certification:** Required Type  
- **Responsibility**
  - M & T  
  - RE  
  - Both  

- Checked: M & T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>M &amp; T Lab</td>
</tr>
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</table>

**Sample Comment:** Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Pipe Culvert, Clay**

### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Must be stamped: "NCDOT Approved"

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

- **Sample Comment:** M&T samples only
- **Technician Certifications:** (None)

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- **Not Match**
- **M&T 913 Report (Steel)**

---

**Action Date:** 06/29/2012  
**Performed By:** rpace  
**Check In:** rkp; [ARCHIVE] rkp  
**Comment:** 
Pipe Culvert, Clay

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Archive
Version: 3.00
From Date: 06/30/2012 To Date: 06/30/2012

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Type
(Any)

Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Small Quantity: ☐
Other Reports: Must be stamped: “NCDOT Approved”

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1,000.00 M&T Lab M&T Lab

Sample Comment: M&T samples only
Technician Certifications: (None)
Pipe Culvert, Clay

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Must be stamped: "NCDOT Approved"

Certification: N/A
Responsibility: M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: M&T samples only

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Clay

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/20/1997  To Date: 12/11/1999

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Must be stamped: "NCDOT Approved"; Pay Adj Required

Testing Requirements

Sample Comment:
Technician Certifications: (None)

Certification: N/A
Type: M & T 913 Report (Steel)
Responsibility
(None) M&T RE Both
( None) M&T RE Both
( None) M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/1997 Performed By: twhillington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe Culvert, Clay

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Archive
Version: 2.00
From Date: 01/01/1999  To Date: 06/29/2012

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Must be stamped: “NCDOT Approved”

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest               1,000.00       M&T Lab                   M&T Lab
Sample Comment: M&T samples only
Technical Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: v5conv
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe Culvert, Clay

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/25/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Must be stamped: "NCDOT Approved"; Pay Adj Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/25/1997 Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0 Comment: Production db
# Minimum Sampling Guide

## Pipe Culvert, Clay

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Pipe</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
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<tbody>
<tr>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Must be stamped: “NCDOT Approved”</td>
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</table>

<table>
<thead>
<tr>
<th>Certification</th>
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<tbody>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Responsibility</td>
<td></td>
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</tbody>
</table>

- (None)
- M&T
- RE
- Both

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe Culvert, Clay - Changed Project Cert Code from Non-Critical to Critical.

**Comment:** Non-Critical to Critical.
## Pipe Culvert, Concrete

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Pipe</th>
<th>Status</th>
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<tr>
<td>How Received</td>
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</tr>
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<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
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<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
<th>Certification</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>Match Alt ID/Match from Sample</td>
<td>Responsibility</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
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<td></td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
<td>Inspection Type(s): Concrete Pipe</td>
<td></td>
</tr>
</tbody>
</table>

### Small Quantity

- Must be stamped: *NCDOT Approved*

### Other Reports

- M&T 913 Report (Steel)

### Testing Requirements

#### Test Category

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment

- M&T samples only

### Technician Certifications

- (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

    | Owning Lab: Field Section |
    | IA Type: None            |

    | Metric/English Code: Both |

    | Sample/Test Remarks:     |
Pipe Culvert, Concrete

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Concrete Pipe

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1,000.00 M&T Lab M&T Lab

Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

CERTIFICATION:

Type N/A
Responsibility

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

☐ M&T 913 Report (Steel)

Other Reports: Must be stamped: "NCDOT Approved"

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Pipe Culvert, Concrete

### General
- **Group:** Pipe
- **Status:** Current
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Material Receipt:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Concrete Pipe

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** M&T samples only

**Technician Certifications:** None

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009

**Performed By:** rpace

**Check In:** Changed Alt id. code from No Match to Match from sample

**Comment:**
Pipe Culvert, Concrete

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Concrete Pipe</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
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<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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</table>

**Status:** Expired

**Version:** 4.00

**From Date:** 02/08/2007  **To Date:** 12/31/2075

**Methods of Acceptance**

<table>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
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</table>

**Certification:** N/A

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
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</table>

**Inspection Type(s):** Concrete Pipe

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
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</tbody>
</table>

**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Field Section</th>
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<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
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</tbody>
</table>

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date:* 02/07/2007  
*Performed By:* rpace

*Check In:* changed alt id to match to sample

*Comment:*
Pipe Culvert, Concrete

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Concrete Pipe
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Status: Expired
Version: 3.00
From Date: 01/01/1999  To Date: 02/07/2007

Certification: N/A

Responsibility
- M&T
- RE
- Both

- (None)
- (None)
- (None)

Sampling Responsibility
- M&T Lab
- M&T Lab
- M&T
- RE
- Both

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: Required

Inspection Type(s): Concrete Pipe

Small Quantity: No Match, Alt ID Required

Other Reports:
- Must be stamped: "NCDOT Approved"

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: M&T samples only

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks: changed RCP alt id to match - alt id required no match.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
check in
### Pipe Culvert, Concrete

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A

**Responsibility**
- (None)
- (None)
- (None)

**Inspection Type(s):** Concrete Pipe

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

#### Test Formats
1. **Field Section Miscellaneous Test - Version 3**

**Owning Lab:** Field Section

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2001

**Performed By:** conv

**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.

**Comment:**

---
Pipe Culvert, Concrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 03/30/1998 To Date: 12/11/1999

Methods of Acceptance
Pretest: Required
Certification: N/A
Type
Responsibility
(None)
M&T RE Both
(None)
M&T RE Both
(None)
M&T RE Both

Checking: M&T 913 Report (Steel)

Small Quantity:  ✓
Other Reports: Must be stamped: "NCDOT Approved"; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe Culvert, Concrete

#### General
- **Group:** Concrete  
- **Status:** Expired  
- **How Received:** Material Receipt  
- **Version:** 3.00  
- **Metric/English:** Metric  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** Required  
- **Certification:** N/A  
- **Responsibility:** M&T  

#### Testing Requirements
- **Test Category:** Pretest  
- **Sample Frequency:** 1,000.00  
- **Sampling Responsibility:** M&T Lab  
- **Testing Responsibility:** M&T Lab  

#### Test Formats
1. **Field Section Miscellaneous Test - Version 3**  
   - **Owning Lab:** Field Section  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** changed RCP alt id to match - alt id required no match.
**Comment:**

---
Pipe Culvert, Concrete

General

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Concrete Pipe</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
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<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
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</table>

Status: History
Version: 2.00
From Date: 06/29/2001    To Date: 06/29/2001

Methods of Acceptance

| Pretest:               | Required                     |
| Alt ID Matching:       | No Match                     |
| Sample/Test:           | N/A                          |
| Approved List:         | N/A                          |
| Visual Inspection:     | N/A                          |
| Catalog Cut:           | N/A                          |
| Field Inspection:      | Required                     |

Certification: N/A

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<td>(None)</td>
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<td>Both</td>
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</table>

Inspection Type(s): Concrete Pipe

Field Inspection: Required

Small Quantity: No

Other Reports: Must be stamped: "NCDOT Approved"; Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Pipe Culvert, Concrete

**General**
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

<table>
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</table>

**Certification:** N/A  
**Responsibility:** (None)  
- M&T  
- RE  
- Both  

**Testing Requirements**
- **Sample Comment:**
  - **Technician Certifications:** (None)

**Test Formats**
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/30/1998  
**Performed By:** rpace

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe Culvert, Concrete

General

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<td>To Date</td>
<td>09/23/2006</td>
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<td>Default Auth Lab</td>
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<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest                 | Required          |
| Alt ID Matching         | No Match, Alt ID Required |
| Sample/Test             | N/A               |
| Approved List           | N/A               |
| Visual Inspection       | N/A               |
| Catalog Cut             | N/A               |
| Field Inspection        | Required          |
| Small Quantity          |                   |
| Other Reports           | Must be stamped: "NCDOT Approved" |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
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<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: M&T samples only

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Concrete

General

Status: History
Version: 2.01
From Date: 04/03/2006 To Date: 09/23/2006

Concrete Material Receipt
Concrete Pipe
Critical Field Section
Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: No
Other Reports: Must be stamped: “NCDOT Approved”

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1,000.00 M&T Lab M&T Lab

Sample Comment: M&T samples only
Technical Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Concrete

General
Group: Pipe  Status: Expired
How Received: Material Receipt  Version: 3.01
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Concrete Pipe
Small Quantity:
Other Reports: Must be stamped: "NCDOT Approved"

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  1,000.00  M&T Lab  M&T Lab
Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/12/2006  Performed By: rpace
Check In: Changed Group from Concrete to Pipe - RKP
Comment:
Pipe Culvert, Concrete

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Archive
Version: 3.01
From Date: 01/01/1999 To Date: 02/07/2007

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A (None)
Responsibility: M&T RE Both

Inspection Type(s): Concrete Pipe

Small Quantity: 
Other Reports: Must be stamped: "NCDOT Approved"

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1,000.00 M&T Lab M&T Lab

Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Concrete

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 4.02
From Date: 02/08/2007
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Concrete Pipe

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 2,000.00 | M&T Lab | M&T Lab

Sample Comment: M&T Samples Only. A lot is 2,000 lf per day's production
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Type
Responsibility
(None)
M&T
RE
Both
(Both)
M&T
RE
Both
(Both)
M&T
RE
Both

M&T 913 Report (Steel)

Other Reports: Must be stamped: "NCDOT Approved"

Action Date: 02/08/2007
Performed By: rpace
Check In: updated freq.
Comment:
**Pipe Culvert, Concrete, Accessories**

**General**
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Status:** Expired
- **Version:** 3.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A
- **Responsibility**
  - M&T
  - RE
  - Both

**Sample Comment:** M&T samples only
- Must be stamped: "NCDOT Approved"

**Testing Requirements**
- **Test Category:** Pretest
- **Sample Frequency:** 50.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

**Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** New 2013 MSG
**Comment:**

Pipe Culvert, Concrete, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Concrete Pipe

Certification: N/A
Responsibility: None

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 50.00 M&T Lab M&T Lab

Sample Comment: M&T samples only
Technician Certifications: None

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Concrete, Accessories

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: Concrete Pipe
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 03/30/1998  To Date: 12/11/1999

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Must be stamped: "NCDOT Approved"; Pay Adj Required

Certification: N/A
Type
- (None)
- (None)
- (None)
Responsibility
- M&T
- RE
- Both

- M&T 913 Report (Steel)

Testing Requirements

- Sample Comment:
  Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

  Owner Lab: Field Section
  IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/30/1998  Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe Culvert, Concrete, Accessories

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Inspection Type(s): Concrete Pipe

Small Quantity:
Other Reports: Must be stamped: "NCDOT Approved"

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>50.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: M&T samples only

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Concrete, Accessories

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 2.01
From Date: 04/03/2006  To Date: 09/23/2006

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: No
Other Reports: Must be stamped: “NCDOT Approved”

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Pretest | 50.00 | M&T Lab | M&T Lab

Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: changed RCP alt id to match - alt id required no match.
Comment:
### Pipe Culvert, Concrete, Accessories

**General**

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<tr>
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<td>01/01/1999 To Date:</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
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<td></td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest: | Required |
| Alt ID Matching: | No Match, Alt ID Required |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

**Inspection Type(s):** Concrete Pipe

**Certification:**

- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both

**Sample/Test Remarks:**

- Must be stamped: "NCDOT Approved"

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
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<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

**Sample Comment:**

- M&T samples only

**Technician Certifications:**

- (None)

### Test Formats

1. **Field Section Miscellaneous Test** - Version 3

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**Metric/English Code:**

- Both

**Sample/Test Remarks:**

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/12/2006

**Performed By:** rpace

**Check In:** Changed Group from Concrete to Pipe - RKP

**Comment:**
Pipe Culvert, Concrete, Accessories

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: Concrete Pipe
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required

Certification: N/A
- Type
- Responsibility
  - (None)
  - (None)
  - (None)
  - M&T 913 Report (Steel)

Inspection Type(s): Concrete Pipe

Testing Requirements
- Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Pipe Culvert, Concrete, Accessories

### General

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<th>To Date</th>
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### Methods of Acceptance

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**Certification:** N/A

**Responsibility:**

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</table>

**Inspection Type(s):** Concrete Pipe

**Other Reports:** Must be stamped: "NCDOT Approved"

### Testing Requirements

<table>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test** - Version 3

   **Owning Lab:** Field Section
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**
Pipe Culvert, Corr. PE

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Must be stamped: "NCDOT Approved"; Pay Adj Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe Culvert, Corr. PE

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 10/15/1997  To Date: 12/11/1999

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Must be stamped: "NCDOT Approved", Pay Adj Required

Certification: N/A
Type

Responsibility

M &T  RE  Both
(None)  (None)  (None)

M &T  RE  Both
☐  ☐  ☐
M &T  RE  Both
☐  ☐  ☐

Test Formats

1. Large Dia. Plastic Pipe Test - Version 5

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
**Pipe Culvert, Metal**

### General

- **Group:** Pipe
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Metal Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A

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**Inspection Type(s):** Corrugated Metal Pipe

### Testing Requirements

- **Test Category:** Verification
- **Sample Frequency:** 500.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Field

**Sample Comment:** M&T sample only

**Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

**Owning Lab:** Field Section

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** 03/16/2004 Pipe Culvert, Metal - Remove Approved List

**Comment:** Required status, no Brand Certification necessary - fdm
Pipe Culvert, Metal

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Corrugated Metal Pipe
Small Quantity:  
Other Reports: Brand Certification; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   
   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001  
Performed By: conv  
Check In  Setting the new FIR code to Required and Specifying the 
Comment: FIR Type for version 5.0 conversion.
Pipe Culvert, Metal

General
- Group: Pipe
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Metal Pipe
- Default Auth Lab: Field Section
- Project Certification: Non-Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: Required
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Brand Certification; Pay Adj Required

Certification: N/A

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Testing Requirements
- Sample Comment:

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Metal

General

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<tr>
<td>How Received</td>
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<td>Metric/English</td>
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Methods of Acceptance

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<td>Catalog Cut</td>
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Testing Requirements

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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
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Test Formats

1. Field Section Miscellaneous Test - Version 3

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Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Pipe Culvert, Metal

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Corrugated Metal Pipe

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 1,000.00 | M&T Lab | M&T Field

Sample Comment: M&T samples only

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Responsibility:

- M&T
- RE
- Both

Brand Registration Program, Must be stamped: “NCDOT Approved”
### Pipe Culvert, Metal

#### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Metal Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification**
- **Type:** N/A
- **Responsibility**
  - (None)
  - (None)
  - (None)

**Inspection Type(s):** Corrugated Metal Pipe

#### Testing Requirements
- **Test Category:** Field Section Miscellaneous Test - Version 3
- **Sample Frequency:** 1,000.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Field

**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

#### Test Formats
1. **Owning Lab:** Field Section
2. **Metric/English Code:** Both
3. **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Metal

General

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<th>To Date</th>
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Facility Type: Metal Pipe

Metric/English: Metric

Field Section

Project Certification: Non-Critical

MSG Responsibility: Field Section

Methods of Acceptance

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<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
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<th>Other Reports</th>
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Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001

Performed By: conv

Check In: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Pipe Culvert, Metal

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/19/1998
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Brand Certification; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/19/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Pipe Culvert, Metal

**General**

- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Metal Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:**

**Testing Requirements**

- **Test Category:** Verification
- **Sample Frequency:** 1,000.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Field

**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None

   - **Metric/English Code:** Both

   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** 03/16/2004  
**Comment:** Required status, no Brand Certification necessary per
Pipe Culvert, Metal

**General**

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**Status:** History  
**Version:** 2.01  
**From Date:** 03/16/2004  
**To Date:** 09/23/2006

**Methods of Acceptance**

| Pretest        | N/A                          |
| Alt ID Matching| (None)                      |
| Sample/Test    | Optional                    |
| Approved List  | N/A                         |
| Visual Inspection| N/A                      |
| Catalog Cut    | N/A                         |
| Field Inspection| Required                  |
| Small Quantity |                             |

**Testing Requirements**

**Certification:** N/A  
**Type:** M&T  
**Responsibility:** M&T Field

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<th>Testing Responsibility</th>
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<tbody>
<tr>
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**Sample Comment:** M&T sample only

**Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

**Owning Lab:** Field Section  
**IA Type:** None  
**Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Comment:** Required status, no Brand Certification necessary - fdm

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** 03/16/2004 Pipe Culvert, Metal - Remove Approved List
# Pipe Culvert, Metal, Accessories

## General

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## Methods of Acceptance

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Field Inspection: Required  
Inspection Type(s): Corrugated Metal Pipe  
Small Quantity:  
Other Reports: Brand Registration Program, Must be stamped: “NCDOT Approved”

## Testing Requirements

<table>
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<td>50.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: M&T sampling only. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

## Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Sheet Steel Test - Version 4**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
Pipe Culvert, Metal, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Type
Responsibility
(None)

Inspection Type(s): Corrugated Metal Pipe

Approval List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Other Reports: Brand Registration Program

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 50.00 | M&T Lab | M&T Field
Sample Comment: M&T sampling only

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Sheet Steel Test - Version 4
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: changed metal pipe accessories to not required approved
Comment: lists-rkp
Pipe Culvert, Metal, Accessories

General
Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 2.00
From Date: 06/29/2001 To Date: 06/29/2001

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Type
Responsibility
(None) M&T RE Both
(None) M&T RE Both
(None) M&T RE Both

M&T 913 Report (Steel)

Inspection Type(s): Corrugated Metal Pipe

Small Quantity: ☐
Other Reports: Brand Registration Program; Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Ownering Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Sheet Steel Test - Version 4
   Ownering Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Perform By: conv
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
Pipe Culvert, Metal, Accessories

General
Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/19/1998 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Brand Registration Program; Prepayment Invoice Required; Pay Adj Required

Certification: N/A
Type
(ClassName)
Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Sheet Steel Test - Version 4
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Metal, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 2.01
From Date: 11/10/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports: Brand Registration Program

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 50.00 M&T Lab M&T Field

Sample Comment: M&T sampling only
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Sheet Steel Test - Version 4
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Pipe Culvert, Metal, Accessories

## General
- **Group:** Pipe  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** Metal Pipe  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section  

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  

**Testing Requirements**

**Test Category**  
- **Verification**  
**Sample Frequency:** 50.00  
**Sampling Responsibility:** M&T Lab  
**Testing Responsibility:** M&T Field  

**Sample Comment:** M&T sampling only. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.  

**Technician Certifications:** (None)  

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**  
   - **Owing Lab:** Field Section  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**  

2. **Sheet Steel Test - Version 4**  
   - **Owing Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Pipe Culvert, Polyethylene

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Plastic Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Must be stamped: "NCDOT Approved"

Certification: N/A

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</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 1,250.00 | Producer/Supplier | Producer/Supplier
Quality Assurance | 2,500.00 | M&T Field | M&T Lab

Sample Comment: See HDPE QC/QA Program manual for details

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pipe Culvert, Polyethylene (Metric) - added Comment
Comment:
# Pipe Culvert, Polyethylene

## General
- **Group:** Pipe  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Plastic Pipe  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

## Testing Requirements

<table>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Control</td>
<td>1,250.00</td>
<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>2,500.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See HDPE QC/QA Program manual for details

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/03/2004  
**Performed By:** rpace

**Check In**  
**Comment:** Changed from pretest required to optional; added approved list required; added QC/QA frequencies.-rkp
# Pipe Culvert, Polyethylene

## General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Plastic Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance

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<tr>
<td>Visual Inspection:</td>
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<td>Catalog Cut:</td>
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</tr>
<tr>
<td>Field Inspection:</td>
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</table>

- **Small Quantity:** No
- **Other Reports:** Must be stamped: "NCDOT Approved"

## Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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| N/A  | M&T:  
|      | RE:  
|      | Both |

- **M&T 913 Report (Steel)**

## Testing Requirements

- **Sample Comment:**

## Technician Certifications

- **(None)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twhillington  
**Check In:** tww - changed to have ALL Outlet Pipe to MINOR  
**Comment:**
Pipe Culvert, Polyethylene

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Plastic Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Must be stamped: "NCDOT Approved"

Testing Requirements

<table>
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<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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</thead>
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<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>8,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats
1. Large Dia. Plastic Pipe Test - Version 5
   
   **Owning Lab:** Physical Lab
   **IA Type:** None

   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Pipe Culvert, Polyethylene

### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Plastic Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

### Certification
- **Certification:** N/A
- **Type:** M &T 913 Report (Steel)
- **Responsibility:**
  - (None)

### Testing Requirements
- **Test Category:**
  - Quality Control: 4,000.00
  - Quality Assurance: 8,000.00

#### Sample Comment:

#### Technician Certifications:
- (None)

### Test Formats
1. **Large Dia. Plastic Pipe Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/03/2004  
**Performed By:** rpace  
**Check In:** Changed from pretest required to optional; added approved list required; added QC/QA frequencies.-rkp
Pipe Culvert, Polyethylene

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Plastic Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Must be stamped: “NCDOT Approved”

Testing Requirements
Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats
1. Large Dia. Plastic Pipe Test - Version 5
   Owning Lab: Physical Lab
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe Culvert, Polyethylene

**General**
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Plastic Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Status:** History
- **Version:** 3.01
- **From Date:** 08/23/2005
- **To Date:** 09/23/2006

**Methods of Acceptance**
- **Pretest:** Optional
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Must be stamped: “NCDOT Approved”

**Certification:** N/A

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**Testing Requirements**

<table>
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<th>Test Category</th>
<th>Sample Frequency</th>
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<tbody>
<tr>
<td>Quality Control</td>
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**Sample Comment:**

**Technician Certifications:** (None)

**Test Formats**

1. Large Dia. Plastic Pipe Test - Version 5
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv
**Check In:** g
**Comment:**
Pipe Culvert, Polyethylene

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Plastic Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: √
Other Reports: Must be stamped: “NCDOT Approved”

Testing Requirements

<table>
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<th>Test Category</th>
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<td>M&amp;T Lab</td>
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Sample Comment: See HDPE QC/QA Program manual for details

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe Culvert, Polyethylene (Metric) - added Comment
Comment:
# Pipe Culvert, Polyethylene

## General
- **Group**: Pipe
- **How Received**: Material Receipt
- **Metric/English**: English
- **Facility Type**: Plastic Pipe
- **Default Auth Lab**: Field Section
- **Project Certification**: Critical
- **MSG Responsibility**: Field Section

## Methods of Acceptance
- **Pretest**: Optional
- **Alt ID Matching**: No Match, Alt ID Required
- **Sample/Test**: N/A
- **Approved List**: Required
- **Visual Inspection**: Required
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: No
- **Other Reports**: QC Sticker, QC/QA Program

### Certification

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- **M&T 913 Report (Steel)**

## Testing Requirements

### Test Category
- **Test Category**: Quality Control
- **Quality Control**: 4,000.00
- **Quality Assurance**: 8,000.00

### Sample Comment
- **Technical Certifications**: (None)

### Test Formats

1. **Large Dia. Plastic Pipe Test - Version 5**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: 

---

**Action Date**: 02/14/2013  
**Performed By**: rpace  
**Check In**: NEW 2013 MSG  
**Comment**: 
## Pipe Culvert, Polyethylene

### General
- **Group:** Pipe
- **Status:** Correcting
- **Version:** 4.01
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Plastic Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** Required
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must have QC Sticker, QC/QA Program

### Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** See HDPE QC/QA Program manual for details

**Technician Certifications:** (None)

---

**Certification:** N/A

**Responsibility**

- M&T
- RE
- Both

- (None)
- (None)
- (None)

- M&T 913 Report (Steel)
Pipe Culvert, Polyethylene, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Plastic Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 1.01
From Date: 04/05/2010 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: QC Sticker, QC/QA Program

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 100,000,000.00 M&T Field M&T Lab

Sample Comment:

Technician Certifications: (None)

Certification: N/A
Type
Responsibility
(\(\text{M&T}\)) \(\text{RE}\) Both
(\(\text{M&T}\)) \(\text{RE}\) Both
(\(\text{M&T}\)) \(\text{RE}\) Both

Action Date: 02/14/2013 Performed By: rpace
Check In: New 2013 MSG
Comment:
Pipe Culvert, Polyethylene, Accessories

General

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<td>Facility Type:</td>
<td>Plastic Pipe</td>
<td>To Date: 12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Optional</th>
<th>Certification: N/A Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match, Alt ID Required</td>
<td>Responsibility M&amp;T RE Both</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Approved List:</td>
<td>Required</td>
<td>(None)</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Culvert, Polyethylene, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Plastic Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 1.02
From Date: 04/05/2010
To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: QC Sticker, QC/QA Program

Certification: N/A
Type: M & T
Responsibility: (None)

Testing Requirements

Test Category: Verification
Sample Frequency: 100,000,000.00
Sampling Responsibility: M&T Field
Testing Responsibility: M&T Lab

Sample Comment:

Technician Certifications: (None)

Action Date: 04/05/2010
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
### Pipe Rail

#### General
- **Group:** Steel  
- **Status:** Expired  
- **How Received:** Material Receipt  
- **Version:** 4.01  
- **Metric/English:** English  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Non-Critical Structural Members**

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  

**Certification:** Required  
- **Type:**  
  - 1: Certified Mill Test Report  
  - (None)  

- **Responsibility:**  
  - M&T  
  - RE  
  - Both  

- **M&T 913 Report (Steel)**

<table>
<thead>
<tr>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td></td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

**Testing Requirements**
- **Test Category**  
- **Sample Frequency**  
  - 1.00  
- **Sampling Responsibility**  
  - M&T Field  
- **Testing Responsibility**  
  - M&T Lab  

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/17/2010  
**Performed By:** fdward  
**Check In:** Structural Steel FIR - Required  
**Comment:**
### Pipe Rail

#### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

#### Certification Requirements

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T</td>
<td>M &amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
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#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Changes pipe, rail to cert only - rkp

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** changes pipe, rail to cert only - rkp  
**Comment:**
Pipe Rail

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 1.00 | M&T Field | M&T Lab

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: changes pipe, rail to cert only - rkp
Comment:
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Pipe Rail

#### General

- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Minor  
- **MSG Responsibility:** Structural Members  
- **Status:** History  
- **Version:** 1.00  
- **From Date:** 10/15/1997  
- **To Date:** 12/11/1999

#### Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

**Small Quantity:**  
**Other Reports:** Prepayment Invoice Required; Pay Adj Required

#### Certification:

- **Type:** N/A

- **Responsibility**
  - (None)  
  - (None)  
  - (None)  

- **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment:**
  - Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
North Carolina Department of Transportation
Minimum Sampling Guide

Pipe Rail

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Current
Version: 4.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 M&T Field M&T Lab

Sample Comment:
Technician Certifications: (None)

Certification: Required Type
1: Certified Mill Test Report
   (None)
   (None)
   M&T 913 Report (Steel)

Responsibility
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: rpace
Check In changes pipe, rail to cert only - rkp
Comment:
Pipe Rail

General

Group: Steel  Status: Current
How Received: Material Receipt  Version: 4.02
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type: M &T  RE  Both
Sample/Test: N/A  Responsibility:
Approved List: N/A  1: Certified Mill Test Report
Visual Inspection: N/A  Buy America
Catalog Cut: N/A  (None)
Field Inspection: Required  M&T 913 Report (Steel)
Inspection Type(s): Structural Steel
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Pipe Rail

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 3.00
From Date: 04/16/2004 To Date: 04/16/2004

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports: Prepayment Invoice Required

Certification: Required
Type
1: Certified Mill Test Report
(Non)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 M&T Field M&T Lab

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Pipe Rail

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>2.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
<td>03/15/2000</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>03/15/2000</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Required</th>
<th>Certification:</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>Match Alt ID/Match from Sample</td>
<td>1: Certified Mill Test Report</td>
<td>M &amp;T 913 Report (Steel)</td>
<td></td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T</td>
<td>RE Both</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T</td>
<td>RE Both</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T</td>
<td>RE Both</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T</td>
<td>RE Both</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
<td>(None)</td>
<td>M &amp;T</td>
<td>RE Both</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
<td></td>
<td>M &amp;T</td>
<td>RE Both</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Prepayment Invoice Required</td>
<td></td>
<td>M &amp;T</td>
<td>RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements

| Sample Comment: | (None) |
| Technician Certifications: | (None) |
Pipe Rail

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>1.00</td>
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<tr>
<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
<td>10/15/1997</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:          | Required       |
| Alt ID Matching:  | No Match       |
| Sample/Test:      | N/A            |
| Approved List:    | N/A            |
| Visual Inspection:| N/A            |
| Catalog Cut:      | N/A            |
| Field Inspection: | N/A            |
| Small Quantity:   | N/A            |
| Other Reports:    | Prepayment Invoice Required; Pay Adj Required |

Testing Requirements

| Sample Comment:  |
| Technician Certifications: | (None) |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe Rail

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Pretest | 1.00 | M&T Field | M&T Lab

Sample Comment:
Technician Certifications: (None)

Certification: Required Type
1: Certified Mill Test Report
   (None)
   (None)
   ☑ M&T ☐ RE ☐ Both
   ☑ M&T ☐ RE ☐ Both
   ☑ M&T ☐ RE ☐ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe Rail

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:     | Required                  |
| Alt ID Matching: | Match Alt ID/Match from Sample |
| Sample/Test: | N/A                       |
| Approved List: | N/A                       |
| Visual Inspection: | N/A                       |
| Catalog Cut: | N/A                       |
| Field Inspection: | N/A                       |
| Small Quantity: | No                       |
| Other Reports: | Prepayment Invoice Required |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/16/2004

Performed By: fmooody

Check In: Pipe Rail (English) - Changed Project Certification to Non-Critical.
Pipe Rail

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type

Responsibility

1: Certified Mill Test Report
(M &T RE Both)

M &T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, Concrete

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A Type
Responsibility
(.None)
(.None)
(.None)

□ M&T 913 Report (Steel)

Inspection Type(s): Concrete Pipe

Small Quantity: 
Other Reports: Must Be Stamped "NC DOT Approved"

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1,000.00 M&T Lab M&T Lab

Sample Comment: M&T samples only

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
## Pipe, Outlets and Drains, Concrete

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Group:</td>
<td>Pipe</td>
</tr>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Concrete Pipe</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
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<tbody>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Must Be Stamped “NC DOT Approved”</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

## Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   **Owning Lab:** Field Section
   **IA Type:** None

   **Metric/English Code:** Both

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Pipe, Outlets and Drains, Concrete

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Pipe</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Concrete Pipe</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
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<th>Description</th>
<th>Value</th>
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<tbody>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Must Be Stamped &quot;NC DOT Approved&quot;</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment**: M&T samples only
- **Technician Certifications**: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
</tbody>
</table>

   | Metric/English Code    | Both                       |
   | Sample/Test Remarks    |                           |

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 03/23/2000  Performer: twallington  Check In: tw - changed to have ALL Outlet Pipe to MINOR*
Pipe, Outlets and Drains, Concrete

General

- **Group:** Pipe
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** English
- **From Date:** 03/30/1998
- **To Date:** 12/11/1999
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Must Be Stamped "NC DOT Approved", Pay Adj Required

Testing Requirements

- **Sample Comment:**

  Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both

   - **Sample/Test Remarks:**

   - **Certification:** N/A
     - **Type:** N/A
     - **Responsibility:**
       - M&T
       - RE
       - Both
       - M&T
       - RE
       - Both
       - M&T
       - RE
       - Both
       - M&T 913 Report (Steel)

   - **Check In:** Archive data come from Minimum Sampling Guide on v3.0
   - **Comment:** Production db

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, Concrete

General

Status: Current
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

How Received: Material Receipt
Metric/English: Metric
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Must Be Stamped “NC DOT Approved”

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
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<td>M&amp;T RE Both</td>
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<tr>
<td>☐ M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

Test Category: Pretest
Sample Frequency: 1,000.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Lab
Sample Comment: M&T samples only
Technical Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pipe, Outlets and Drains Concrete (Metric) - Changed
Comment: Project Certification to Non-Critical.
Pipe, Outlets and Drains, Concrete

General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Pipe</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Concrete Pipe</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

Status: History
Version: 2.00
From Date: 03/23/2000  To Date: 03/23/2000

Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
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<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>False</td>
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<tr>
<td>Other Reports</td>
<td>Must Be Stamped “NC DOT Approved”</td>
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</tbody>
</table>

Certification: N/A

Responsibility

- M&T
- RE
- Both

- (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Testing Requirements

Sample Comment: M&T samples only
Technician Certifications: (None)

Action Date: 03/23/2000  Performed By: twhillington
Check In: tw - changed to have ALL Outlet Pipe to MINOR
Comment:
Pipe, Outlets and Drains, Concrete

<table>
<thead>
<tr>
<th>General</th>
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<td>Metric/English: Metric</td>
<td>To Date: 12/11/1999</td>
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<tr>
<td>Facility Type: Concrete Pipe</td>
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<tr>
<td>Default Auth Lab: Field Section</td>
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</tr>
<tr>
<td>Project Certification: Non-Critical</td>
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<tr>
<td>MSG Responsibility: Field Section</td>
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### Methods of Acceptance

<table>
<thead>
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<tbody>
<tr>
<td>Sample/Test: N/A</td>
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<tr>
<td>Visual Inspection: N/A</td>
<td>Catalog Cut: N/A</td>
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<tr>
<td>Field Inspection: N/A</td>
<td>Small Quantity: No</td>
</tr>
<tr>
<td>Other Reports: Must Be Stamped &quot;NC DOT Approved&quot;; Pay Adj Required</td>
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#### Certification:

<table>
<thead>
<tr>
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<tr>
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<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

### Testing Requirements

#### Sample Comment:

- Technician Certifications: (None)

### Test Formats

1. Field Section Miscellaneous Test - Version 3

   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

Action Date: 03/30/1998  Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0  Comment: Production db
**Pipe, Outlets and Drains, Concrete**

### General
- **Group:** Pipe
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** English
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must Be Stamped “NC DOT Approved”

### Certification
- **Type:** N/A
- **Responsibility**
  - (None)

### Testing Requirements
- **Test Category:** Pretest
- **Sample Frequency:** 1,000.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

### Sample Comment
M&T samples only

### Technician Certifications
- (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Performed By: conv*

*Check In: Pipe, Outlets and Drains Concrete (English) - Changed*

*Comment: Project Certification to Non-Critical.*
Pipe, Outlets and Drains, Concrete

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Must Be Stamped "NC DOT Approved"

Certification: N/A
Type
(No)
Responsibility
○ M&T ○ RE ○ Both

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
----- | --------------- | ----------------------- | ---------------------
Pretest | 1,000.00 | M&T Lab | M&T Lab

Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   - Ownig Lab: Field Section
   - IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, Concrete

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Correcting
Version: 3.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Concrete Pipe

Certification: N/A
Responsibility

<table>
<thead>
<tr>
<th>Type</th>
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<th>RE</th>
<th>Both</th>
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<td>(None)</td>
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</table>

Certification: M&T 913 Report (Steel)

Other Reports: Must Be Stamped "NC DOT Approved"

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  1,000.00  M&T Lab  M&T Lab
Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:
Pipe, Outlets and Drains, Concrete, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Concrete Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Certification: N/A

<table>
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<th>Type</th>
<th>Responsibility</th>
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<tbody>
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<td>(None)</td>
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<tr>
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<td>M&amp;T 0 RE 0 Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 50.00 | M&T Lab | M&T Lab

Sample Comment: M&T samples only
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Pipe, Outlets and Drains, Concrete, Accessories

General

- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Must Be Stamped “NC DOT Approved”

<table>
<thead>
<tr>
<th>Certification</th>
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<th>Responsibility</th>
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<tbody>
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<td>(None)</td>
<td>M&amp;T RE Both</td>
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</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

**Testing Requirements**

- **Test Category:** Pretest
- **Sample Frequency:** 50.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

**Sample Comment:** M&T samples only

**Testing Requirement**

1. **Test Format:** Field Section Miscellaneous Test - Version 3

**Owning Lab:** Field Section

**IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 01/01/1999*  
*Performed By: fmood*  
*Check In: Pipe, Outlets and Drains Concrete Accessories (Both)*  
*Comment: Changed Project Certification to Non-Critical.*
# Minimum Sampling Guide

## Pipe, Outlets and Drains, Concrete, Accessories

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Pipe</th>
<th>Status</th>
<th>History</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
<td>3.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>03/23/2000</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Concrete Pipe</td>
<td>To Date</td>
<td>03/23/2000</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Sample Comment</th>
<th>M&amp;T samples only</th>
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</thead>
<tbody>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twittington  
**Check In:** tw - changed BMD Bent Caps to MINOR  
**Comment:**

[See image for detailed visual representation]
## Pipe, Outlets and Drains, Concrete, Accessories

### General
- **Group:** Pipe
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.00
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section
- **From Date:** 03/23/2000
- **To Date:** 03/23/2000

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Must Be Stamped "NC DOT Approved"

### Certification
- **Type:** N/A
- **Responsibility:**
  - (None)
  - M&T
  - RE
  - Both

### Testing Requirements
- **Sample Comment:** M&T samples only
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---
**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000

**Performed By:** twittington

**Check In**
tww - changed to have ALL Outlet Pipe to MINOR

**Comment:**
- tww - changed to have ALL Outlet Pipe to MINOR
# North Carolina Department of Transportation

**Minimum Sampling Guide**

## Pipe, Outlets and Drains, Concrete, Accessories

### General
- **Group:** Pipe
- **Status:** History
- **Version:** 1.00
- **From Date:** 03/30/1998
- **To Date:** 12/11/1999
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Must Be Stamped "NC DOT Approved"; Pay Adj Required

### Certification
- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both
- **(None)**
- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test** - Version 3
   - **Owning Lab:** Field Section
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/30/1998  
**Performed By:** rpace

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Pipe, Outlets and Drains, Concrete, Accessories

#### General

- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

- **Status:** History
- **Version:** 3.01
- **From Date:** 04/16/2004
- **To Date:** 09/23/2006

#### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

- **Small Quantity:** 
- **Other Reports:** Must Be Stamped “NC DOT Approved”

#### Testing Requirements

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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- **Sample Comment:** M&T samples only

- **Technician Certifications:** (None)

#### Test Formats

1. Field Section Miscellaneous Test - Version 3

- **Owning Lab:** Field Section
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv

**Check In:** Pipe, Outlets and Drains Concrete Accessories (Both) -
**Comment:** Changed Project Certification to Non-Critical.
### Pipe, Outlets and Drains, Concrete, Accessories

#### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Concrete Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Must Be Stamped “NC DOT Approved”

#### Testing Requirements

<table>
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<tr>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

| Sample Comment: | M&T samples only |
| Technician Certifications: | (None) |

#### Test Formats
1. Field Section Miscellaneous Test - Version 3

- **Owning Lab:** Field Section
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013  
**Comment:**
## Pipe, Outlets and Drains, Metal

### General

<table>
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<th>Pipe</th>
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<tbody>
<tr>
<td>How Received:</td>
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</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
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<tr>
<td>Facility Type:</td>
<td>Metal Pipe</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest:       | N/A                                         |
| Alt ID Matching: | (None)                                     |
| Sample/Test:  | Optional                                   |
| Approved List:  | Required                                   |
| Visual Inspection: | N/A                                       |
| Catalog Cut:  | N/A                                         |
| Field Inspection:  | Required                                   |

- **Certification**: N/A
- **Type**: N/A
- **Responsibility**: M&T

**Inspection Type(s):** Corrugated Metal Pipe

**Small Quantity:** No

**Other Reports:** Brand Registration

### Testing Requirements

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
<td>Verification</td>
<td>200.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

**Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**

---
Pipe, Outlets and Drains, Metal

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Current
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Type
Responsibility

M&T 913 Report (Steel)

Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: fmoody
Check In: Pipe, Outlets and Drains Drains (Metric) - Changed
Comment: Project Certification to Non-Critical.
### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Pipe</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Facility Type</td>
<td>Metal Pipe</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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<tr>
<td>Alt ID Matching</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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**Certification**: N/A

**Type**

<table>
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<th>M&amp;T</th>
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</tbody>
</table>

- **M&T 913 Report (Steel)**
- **Inspection Type(s)**: Corrugated Metal Pipe

### Testing Requirements

**Sample Comment**: See Brand Certification Program for details.

**Technician Certifications**: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   **Owning Lab**: Field Section
   **IA Type**: None

   **Metric/English Code**: Both

   **Sample/Test Remarks**: None

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 06/29/2001  
**Performed By**: conv

**Check In**: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Pipe, Outlets and Drains, Metal

General

<table>
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<td>Metric/English:</td>
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<tr>
<td>Facility Type:</td>
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</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
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<tr>
<td>Project Certification:</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:              | N/A         | Certification: | N/A |
| Alt ID Matching:      | (None)      | Type           | (None) |
| Sample/Test:          | Optional    | Responsibility | M&T RE Both |
| Approved List:        | Required    |               | M&T RE Both |
| Visual Inspection:    | N/A         |               | M&T RE Both |
| Catalog Cut:          | N/A         |               | M&T RE Both |
| Field Inspection:     | N/A         |               | M&T RE Both |
| Small Quantity:       |             | M&T 913 Report (Steel) | |
| Other Reports:        | Brand Registration |               | |

Testing Requirements

| Sample Comment:       | See Brand Certification Program for details. |
| Technician Certifications: | (None) |

Test Formats

1. Field Section Miscellaneous Test - Version 3

| Owning Lab:           | Field Section |
| IA Type:              | None          |
| Metric/English Code:  | Both          |
| Sample/Test Remarks:  |              |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, Metal

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/16/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Brand Registration; Pay Adj Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997
Performed By: twhittington
Check In Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Pipe, Outlets and Drains, Metal

#### General

<table>
<thead>
<tr>
<th>Group</th>
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<th>To Date</th>
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</thead>
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<td>English</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

| Facility Type          | Version: 4.00   |
| Field Section          | English         |
| Metal Pipe             | English         |

| Default Auth Lab       | Field Section   |
| Project Certification | Non-Critical    |
| MSG Responsibility    | Field Section   |

#### Methods of Acceptance

| Pretest:                          | Certification:  |
|                                  | N/A             |
| Alt ID Matching:                  | Type            |
| (None)                             | Responsibility  |
| Sample/Test:                      | (None)          |
| Optional                          | M&T RE Both     |
| Approved List:                    | (None)          |
| Required                          | M&T RE Both     |
| Visual Inspection:                | (None)          |
| N/A                               | M&T RE Both     |
| Catalog Cut:                      | Field Inspection: |
| N/A                               | Required        |

**Inspection Type(s):** Corrugated Metal Pipe

<table>
<thead>
<tr>
<th>Small Quantity:</th>
<th>Other Reports:</th>
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<tbody>
<tr>
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#### Testing Requirements

<table>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

<table>
<thead>
<tr>
<th>Owning Lab:</th>
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<tbody>
<tr>
<td>Field Section</td>
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</table>

<table>
<thead>
<tr>
<th>IA Type:</th>
<th>Sample/Test Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
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</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Check In:** Pipe, Outlets and Drains Drains, Metal (English) -

**Comment:** Changed Project Certification to Non-Critical.
Pipe, Outlets and Drains, Metal

**General**

- **Status**: History
- **Version**: 3.00
- **From Date**: 06/29/2001
- **To Date**: 06/29/2001

**Methods of Acceptance**

- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Optional
- **Approved List**: Required
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: Required

**Certification**

- Type: N/A
- Responsibility: N/A

- M & T 913 Report (Steel)

**Inspection Type(s)**: Corrugated Metal Pipe

**Small Quantity**: No

**Other Reports**: Brand Registration

**Testing Requirements**

- **Sample Comment**: See Brand Certification Program for details.
- **Technician Certifications**: (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

**Owning Lab**: Field Section

**IA Type**: None

**Metric/English Code**: Both

**Sample/Test Remarks**: Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, Metal

General

<table>
<thead>
<tr>
<th>Group:</th>
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<tbody>
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<td>Metal Pipe</td>
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<td>Default Auth Lab:</td>
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<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
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</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:       | N/A                    |
| Alt ID Matching: | (None)                 |
| Sample/Test:  | Optional               |
| Approved List: | Required               |
| Visual Inspection: | N/A                    |
| Catalog Cut:  | N/A                    |
| Field Inspection: | N/A                  |
| Small Quantity: | N/A                   |
| Other Reports: | Brand Registration     |

Testing Requirements

| Sample Comment: | See Brand Certification Program for details. |
| Technician Certifications: | (None) |

Test Formats

1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
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<td>Sample/Test Remarks:</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Outlets and Drains, Metal

#### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance

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<tr>
<td>Other Reports:</td>
<td>Brand Registration; Pay Adj Required</td>
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</table>

#### Testing Requirements

- **Sample Comment:** See Brand Certification Program for details.
- **Technician Certifications:** (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/16/1997  
**Performed By:** twittington

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe, Outlets and Drains, Metal

General

<table>
<thead>
<tr>
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<th>Pipe</th>
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<tbody>
<tr>
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**Status:** History

**Version:** 3.01

**From Date:** 04/16/2004  
**To Date:** 09/23/2006

**History**

<table>
<thead>
<tr>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
</table>

**Methods of Acceptance**

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | Required |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |
| Small Quantity: | |
| Other Reports: | Brand Registration |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
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<td>M&amp;T Lab</td>
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</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

| Metric/English Code: | Both |
| IA Type: | None |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, Metal

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 3.01
From Date: 04/16/2004
To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: N/A
Other Reports: Brand Registration

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 200.00 M&T Lab M&T Lab

Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Type
(None)
(None)
(None)
M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe, Outlets and Drains Drains, Metal (English)
Comment: Changed Project Certification to Non-Critical.
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Pipe, Outlets and Drains, Metal, Accessories

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Pipe</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Metal Pipe</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

#### Status

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Status</td>
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</tr>
<tr>
<td>Version</td>
<td>4.01</td>
</tr>
<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Certification**: N/A  
**Responsibility**: Both  
**Type**: M&T, RE, Both

**Inspection Type(s)**: Corrugated Metal Pipe

**Small Quantity**:  
**Other Reports**: Brand Registration

#### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Category</td>
<td>Verification</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>10.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment**: See Brand Certification Program for details. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

**Technician Certifications**: (None)

#### Test Formats

1. Field Section Miscellaneous Test - Version 3

**Owning Lab**: Field Section  
**IA Type**: None  
**Metric/English Code**: Both  
**Sample/Test Remarks**:  
**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Pipe, Outlets and Drains, Metal, Accessories

## General

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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Metal Pipe</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Certification:** N/A  
**Type:** M & T  
**Responsibility:** Both  

**Inspection Type(s):** Corrugated Metal Pipe

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Brand Registration</td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Category</td>
<td>Verification</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>10.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details.

**Technician Certifications:** (None)

## Test Formats

1. Field Section Miscellaneous Test - Version 3  

**Owning Lab:** Field Section  
**IA Type:** None  
**Metric/English Code:** Both  
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Pipe, Outlets and Drains, Metal, Accessories (Both) -  
**Comment:** Changed Project Certification to Non-Critical.
Pipe, Outlets and Drains, Metal, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 3.00
From Date: 06/29/2001 To Date: 06/29/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Type

<table>
<thead>
<tr>
<th>Responsibility</th>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
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<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>(None)</td>
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<td></td>
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</tbody>
</table>

Inspection Type(s): Corrugated Metal Pipe

Other Reports: Brand Registration

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Pipe, Outlets and Drains, Metal, Accessories

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Metal Pipe</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest     | N/A                                                                 |
| Alt ID Matching | (None)                                                   |
| Sample/Test | Required                                                            |
| Approved List | N/A                                                                 |
| Visual Inspection | N/A                                                               |
| Catalog Cut  | N/A                                                                 |
| Field Inspection | N/A                                                        |
| Small Quantity | N/A                                                                |
| Other Reports | Brand Registration                                                 |

| Certification | N/A                                                                 |
| Type          | M & T                                                               |
| Responsibility  | RE                                                                 |
|               | Both                                                               |

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptence, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/23/2000

Performed By: twhittington

Check In: tw - changed to have ALL Outlet Pipe to MINOR

Comment:
Pipe, Outlets and Drains, Metal, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/16/1997  To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Brand Registration; Pay Adj Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Type (None) M&T RE Both
Responsible (None) M&T RE Both
[ ] M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Outlets and Drains, Metal, Accessories

#### General
- **Group:** Pipe
- **Status:** Current
- **Version:** 4.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Metal Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)
  - M&T 913 Report (Steel)

**Inspection Type(s):** Corrugated Metal Pipe

**Small Quantity:**
- **Other Reports:** Brand Registration

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>10.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** See Brand Certification Program for details. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

**Technician Certifications:** (None)

#### Test Formats
1. **Field Section Miscellaneous Test - Version 3**

<table>
<thead>
<tr>
<th>Metric/English Code: Both</th>
<th>Sample/Test Remarks:</th>
</tr>
</thead>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, Metal, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Metal Pipe
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 3.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports: Brand Registration

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 10.00 M&T Lab M&T Field

Sample Comment: See Brand Certification Program for details.
Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe, Outlets and Drains, Metal, Accessories (Both) -
Comment: Changed Project Certification to Non-Critical.
## Pipe, Outlets and Drains, PE

### General
<table>
<thead>
<tr>
<th>Field</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Pipe</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Values</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Sample/Test</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>80,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

**Sample Comment:** See HDPE Program manual for details.

**Technician Certifications:** (None)

### Test Formats

1. **Perforated Plastic Pipe Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
Pipe, Outlets and Drains, PE

General

Group: Pipe  Status: Correcting
How Received: Material Receipt  Version: 3.01
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Plastic Pipe  Default Auth Lab: Physical Lab
Project Certification: Non-Critical  MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Optional  Certification: N/A
Alt ID Matching: No Match, Alt ID Required  Type
Sample/Test: N/A  Responsibility
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: QC Sticker, QC/QA Program

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Quality Control  12,500.00  Producer/Supplier  Producer/Supplier
Quality Assurance  25,000.00  M&T Field  M&T Lab

Sample Comment: See HDPE QC/QA Program manual for details.

Technician Certifications: (None)

Action Date: 02/01/2012  Performed By: dimiller
Check In
Comment:
# Minimum Sampling Guide

## Pipe, Outlets and Drains, PE

### General

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<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Status</td>
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<td>Version</td>
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<td>01/01/1999</td>
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<tr>
<td>To Date</td>
<td>12/31/2075</td>
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<tr>
<td>Group</td>
<td>Pipe</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
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<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
<td>N/A</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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### Testing Requirements

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<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>25,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** See HDPE QC/QA Program manual for details.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace

**Check In:** Changed from pretest required to optional; added approved list required; added QC/QA frequencies.

**Comment:** list required; added QC/QA frequencies.-rkp
Pipe, Outlets and Drains, PE

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Plastic Pipe
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 2.00
From Date: 04/16/2004 To Date: 04/16/2004

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>10,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: M&T samples only
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/16/2004
Performed By: fmoody
Check In: Pipe, Outlets and Drains, PE(Metric) - Changed Project Certification to Non-Critical.
Comment: Certification to Non-Critical.
Pipe, Outlets and Drains, PE

General

Group: Pipe  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Metric  From Date: 03/25/1997  To Date: 12/11/1999
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A  Certification: N/A
Approved List: N/A  Type
Visual Inspection: N/A  Responsibility
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/25/1997  Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0  Comment: Production db
Pipe, Outlets and Drains, PE

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Plastic Pipe
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 2.01
From Date: 08/03/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 12,500.00 | Producer/Supplier | Producer/Supplier
Quality Assurance | 25,000.00 | M&T Field | M&T Lab

Sample Comment: See HDPE QC/QA Program manual for details.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Changed from pretest required to optional; added approved list required; added QC/QA frequencies.-kp
Pipe, Outlets and Drains, PE

General

Group: Pipe  Status: History
How Received: Material Receipt  Version: 3.01
Metric/English: English  From Date: 08/03/2004  To Date: 09/23/2006
Facility Type: Plastic Pipe  MSG Responsibility: Field Section
Default Auth Lab: Physical Lab
Project Certification: Non-Critical

Methods of Acceptance

Pretest: Optional  Certification: N/A
Alt ID Matching: No Match, Alt ID Required  Type:art
Sample/Test: N/A  Responsibility: (None)
Approved List: Required  M &T
Visual Inspection: N/A  RE
Catalog Cut: N/A  Both
Field Inspection: N/A
Small Quantity: No
Other Reports:

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Quality Control  40,000.00  Producer/Supplier  Producer/Supplier
Quality Assurance  80,000.00  M&T Field  M&T Lab

Sample Comment: See HDPE Program manual for details.

Technician Certifications: (None)

Test Formats

1. Perforated Plastic Pipe Test - Version 3

   Owner Lab: Physical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, PE

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Plastic Pipe
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: Expired
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 40,000.00 | Producer/Supplier | Producer/Supplier
Quality Assurance | 80,000.00 | M&T Field | M&T Lab

Sample Comment: See HDPE Program manual for details.

Technician Certifications: (None)

Test Formats

1. Perforated Plastic Pipe Test - Version 3

   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, PE

General

Group: Pipe  Status: History
How Received: Material Receipt  Version: 3.00
Metric/English: English  From Date: 08/03/2004  To Date: 08/03/2004
Facility Type: Plastic Pipe
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional</td>
<td>No Match, Alt ID Required</td>
<td>N/A</td>
<td>Required</td>
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Certification: N/A  Type

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>M&amp;T</td>
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<tbody>
<tr>
<td>M&amp;T</td>
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<table>
<thead>
<tr>
<th>Responsibility</th>
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<tbody>
<tr>
<td>M&amp;T</td>
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- M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Control</td>
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<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>80,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: See HDPE Program manual for details.

Technician Certifications: (None)

Test Formats

1. Perforated Plastic Pipe Test - Version 3

  **Owning Lab:** Physical Lab
  **IA Type:** None
  **Metric/English Code:** English
  **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Plastic Pipe
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
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<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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### Testing Requirements

#### Test Requirements

<table>
<thead>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
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---

**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

**Test Formats**

1. Perforated Plastic Pipe Test - Version 3

**Owning Lab:** Physical Lab

**IA Type:** None

**Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/16/2004

**Performed By:** fmoody

**Check In:** Pipe, Outlets and Drains, PE(English)) - Changed Project Certification to Non-Critical.

**Comment:** Certification to Non-Critical.
Pipe, Outlets and Drains, PE

### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Pay Adj Required

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Perforated Plastic Pipe Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/25/1997  
**Perform By:** dgreene

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe, Outlets and Drains, PE, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: Plastic Pipe
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ❑
Other Reports: QC Sticker, QC/QA Program

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 50.00 M&T Lab M&T Lab

Sample Comment: M&T samples only
Technician Certifications: (None)

Certification: N/A
Type Responsibility
(None) M&T ○ RE ○ Both
(None) M&T ○ RE ○ Both
(None) M&T ○ RE ○ Both

☐ M&T 913 Report (Steel)

Action Date: 02/14/2013 Performed By: rpace
Check In New 2013 MSG
Comment:
Pipe, Outlets and Drains, PE, Accessories

General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Plastic Pipe
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Status:** Expired
**Version:** 2.00
**From Date:** 01/01/1999  **To Date:** 12/31/2075

Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

- **Certification:** N/A
- **Responsibility**
  - (None)
  - (None)
  - (None)
  - M&T 913 Report (Steel)

Testing Requirements
- **Test Category**
  - Pretest
- **Sample Frequency**
  - 50.00
- **Sampling Responsibility**
  - M&T Lab
- **Testing Responsibility**
  - M&T Lab

**Sample Comment:** M&T samples only
**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmood

**Check In:** Pipe, Outlets and Drains, PE, Accessories (Both) - 
**Comment:** Changed Project Certification to Non-Critical.
Pipe, Outlets and Drains, PE, Accessories

General
Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/25/1997  
To Date: 12/11/1999

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: N/A
Type
(None)
(None)
(None)
M&T 913 Report (Steel)

Responsibility
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/25/1997  
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Minimum Sampling Guide

**Pipe, Outlets and Drains, PE, Accessories**

## General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
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<tr>
<td>Group:</td>
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## Methods of Acceptance

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<td>Field Inspection:</td>
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<td>Other Reports:</td>
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## Certification

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- M&T 913 Report (Steel)

## Testing Requirements

<table>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** M&T samples only

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe, Outlets and Drains, PE, Accessories (Both)  
**Comment:** Changed Project Certification to Non-Critical.
Pipe, Outlets and Drains, PE, Accessories

General
- Group: Pipe
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: Plastic Pipe
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Field Section

Status:
- Current

Version:
- 2.02

From Date:
- 01/01/1999

To Date:
- 12/31/2075

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity:

Other Reports:
- QC Sticker, QC/QA Program

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
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Sample Comment:
- M&T samples only

Technician Certifications:
- (None)

Certification: N/A

Responsibility
- (None)

[ ] M&T 913 Report (Steel)

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
# Minimum Sampling Guide

## Pipe, Outlets and Drains, PVC

### General

<table>
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<th>Field</th>
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<td>Group</td>
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<td>MSG Responsibility</td>
<td>Field Section</td>
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### Methods of Acceptance

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<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
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</tbody>
</table>

### Certification

- **Required Type:**
  - 3: Manufacturer's Certification
    - (None)
    - (None)
- **Responsibility**:
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:**
  - Technician Certifications: (None)

### Test Formats

1. **Plain Plastic Pipe Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
### Pipe, Outlets and Drains, PVC

#### General
- **Group:** Pipe
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

#### Test Formats
1. **Plain Plastic Pipe Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

--

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Pipe, Outlets and Drains, PVC (English) - Changed
**Comment:** Project Certification to Non-Critical.
Pipe, Outlets and Drains, PVC

General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Pay Adj Required

**Certification**
- **Type:** Required
- **Responsibility**:
  - 3: Manufacturer's Certification
    - (None)
    - (None)
    - M&T 913 Report (Steel)

**Testing Requirements**
- **Sample Comment:**
  - Technician Certifications: (None)

**Test Formats**
1. Plain Plastic Pipe Test - Version 4
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/25/1997  
**Performed By:** dgreene
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe, Outlets and Drains, PVC

General
• Group: Pipe
• How Received: Material Receipt
• Metric/English: Metric
• Facility Type: (None)
• Default Auth Lab: Physical Lab
• Project Certification: Non-Critical
• MSG Responsibility: Field Section

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | □ |
| Other Reports: | None |

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certifications

- Manufacturer's Certification
  - M & T
  - RE
  - Both

Test Formats

1. Plain Plastic Pipe Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pipe, Outlets and Drains, PVC (Metric) - Changed Project Certification to Non-Critical.

Sample/Test Remarks:

 metric/English Code: Metric

M&T 913 Report (Steel)
Pipe, Outlets and Drains, PVC

General
- **Group:** Pipe
- **Status:** History
- **Version:** 1.00
- **From Date:** 03/25/1997
- **To Date:** 12/11/1999

**How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Pay Adj Required

Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

Test Formats
1. Plain Plastic Pipe Test (Metric) - Version 1
- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** Metric
- **Sample/Test Remarks:**

---

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
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</table>

- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/25/1997
**Performed By:** dgreene
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Pipe, Outlets and Drains, PVC

General
- Group: Pipe
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Field Section

Status: History
Version: 1.01
From Date: 04/16/2004  To Date: 09/23/2006

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No

Other Reports:

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Test Formats
1. Plain Plastic Pipe Test - Version 4

   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Outlets and Drains, PVC

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: Required

Type
3: Manufacturer's Certification

Responsibility

M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Plain Plastic Pipe Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Pipe, Outlets and Drains, PVC

## General
- **Group:** Pipe
- **Status:** Correcting
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

## Testing Requirements
- **Sample Comment:**
  - **Technician Certifications:** (None)

## Test Formats
1. Plain Plastic Pipe Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2012  
**Performed By:** rpace

**Check In**  
**Comment:**
# Minimum Sampling Guide

## Pipe, Outlets and Drains, PVC, Accessories

### General

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### Methods of Acceptance

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### Certification

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- ☐ M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** New 2013 MSG
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**

---
Pipe, Outlets and Drains, PVC, Accessories

General

Group: Pipe
Status: Current
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
  (None)
  (None)
  M&T RE Both
  M&T RE Both
  M&T RE Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
## Pipe, Outlets and Drains, PVC, Accessories

### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** 

### Certification

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### Testing Requirements
- **Sample Comment:** Pipe, Outlets and Drains, PVC Accessories (Both) - Changed Project Certification to Non-Critical.
- **Technician Certifications:** (None)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmood
**Check In:** Pipe, Outlets and Drains, PVC Accessories (Both)  
**Comment:** Changed Project Certification to Non-Critical.
Pipe, Outlets and Drains, PVC, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/25/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Pay Adj Required

Testing Requirements

Sample Comment:
Technician Certifications: (None)

Certificate: Required
Type
Responsibility

3. Manufacturer's Certification
   (None)
   (None)
   M&T RE Both
   M&T RE Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/25/1997
Performed By: dgreen
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe, Outlets and Drains, PVC, Accessories

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements

Sample Comment: Pipe, Outlets and Drains, PVC Accessories (Both) - Changed Project Certification to Non-Critical.

Technician Certifications: (None)

Certification: Required

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<td>3: Manufacturer's Certification</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe, Outlets and Drains, PVC Accessories (Both) -
Comment: Changed Project Certification to Non-Critical.
## Pipe, Sanitary Sewer

### General

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### Methods of Acceptance

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### Testing Requirements

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

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Pipe, Sanitary Sewer

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 2.01
From Date: 09/22/2005 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: (None)

Certification: Required
Type
3: Manufacturer's Certification
   (None)
Responsibility
   M&T ○ RE ○ Both
   ○ M&T ○ RE ○ Both
   ○ M&T ○ RE ○ Both

[ ] M&T 913 Report (Steel)

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 11/15/2006 Performed By: conv
Check In: Pipe, Sanitary Sewer (English) - changed How Received from Not Received to Material Receipt.
Comment: from Not Received to Material Receipt.
Pipe, Sanitary Sewer

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

General
Status: History
Version: 1.01
From Date: 04/16/2004 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
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(3)
(3)
Pipe, Sanitary Sewer

General

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<td>Structural Members</td>
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Methods of Acceptance

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Testing Requirements

Sample Comment: Pipe, Sanitary Sewer (English) - changed How Received from Not Received to Material Receipt.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pipe, Sanitary Sewer (English) - changed How Received from Not Received to Material Receipt.
Pipe, Sanitary Sewer

General

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Methods of Acceptance

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☑ M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Sample Comment:</th>
<th>Pipe, Sanitary Sewer (English) - Changed How Received to Not Received</th>
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<tbody>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Sanitary Sewer

General
- Group: Pipe
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: ☐
- Other Reports: Pay Adj Required

Testing Requirements
- Sample Comment: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe, Sanitary Sewer

General

- Group: Pipe
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: □
- Other Reports:

Certification:

Type: Required

- 3: Manufacturer's Certification
  - (None)

Responsibility:

- M&T: ☐
- RE: ☐
- Both: ☐

NOTE: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: fmoody

Check In: Pipe, Sanitary Sewer (Metric) - Changed How Received to Not Received.

Comment: Not Received.
### General

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### Status

- **Version:** 1.00
- **From Date:** 10/15/1997
- **To Date:** 12/11/1999
- **History**

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Pay Adj Required

### Testing Requirements

**Sample Comment:**

- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Sewer, Clay

#### General

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#### Methods of Acceptance

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#### Certification

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- [ ] M&T 913 Report (Steel)

#### Testing Requirements

- Sample Comment: (None)
- Technician Certifications: (None)
Pipe, Sewer, Clay

General

- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Status:** Expired

**Version:** 3.00

- **From Date:** 06/30/2012
- **To Date:** 06/30/2012

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

**Certification:** Required

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☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Sewer, Clay

General

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<td>MSG Responsibility</td>
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| Date Range                | From Date: 06/30/2012      |
|                          | To Date: 06/30/2012        |

Methods of Acceptance

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Testing Requirements

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Certification:

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M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2012

Performed By: rpace

Check In: rkp; [ARCHIVE] rkp

Comment:
### North Carolina Department of Transportation

#### Minimum Sampling Guide

**Pipe, Sewer, Clay**

**General**
- **Group:** Pipe
- **Status:** Archive
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 06/29/2012

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**Methods of Acceptance**

| Pretest | N/A |
| Alt ID Matching | (None) |
| Sample/Test | N/A |
| Approved List | N/A |
| Visual Inspection | N/A |
| Catalog Cut | Required |
| Field Inspection | N/A |
| Small Quantity | ☐ |
| Other Reports | |

**Testing Requirements**

- **Sample Comment:** Pipe, Sewer, Clay (Metric) - Changed How Received to Not Received.

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- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Pipe, Sewer, Clay (Metric) - Changed How Received to Not Received.

**Comment:** Received.
Pipe, Sewer, Clay

General
- Group: Pipe
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/25/1997
To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: Must be stamped: "NCDOT Approved"; Pay Adj Required

Certification: Required

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- M&T 913 Report (Steel)

Testing Requirements
- Sample Comment: 
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 03/25/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Pipe, Sewer, Clay

Methods of Acceptance

- Certification:
  - Type: Required
  - Responsibility: M&T

Parameters:
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Check In: Pipe, Sewer, Clay (Metric) - Changed How Received to Not Received.
Perform By: conv
Comment: Received.
Pipe, Sewer, Clay

General

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How Received: Not Received

From Date: 01/01/1999  To Date: 06/29/2012

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: N/A

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: Required

Field Inspection: N/A

Small Quantity: 

Other Reports:

Testing Requirements

Sample Comment: 

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody

Check In  Pipe, Sewer, Clay (English) - Changed How Received to Not Received.

Comment: Not Received.
### Pipe, Sewer, Clay

#### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Must be stamped: "NCDOT Approved", Pay Adj Required

#### Certification Requirements

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- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe, Sewer, Clay

### General
- **Group:** Pipe
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>(None)</td>
<td>M&amp;T ☑ RE ☐ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In** Pipe, Sewer, Clay (English) - Changed How Received to Not Received.  
**Comment:** Not Received.
## Pipe, Steel Encasement

### General

- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Minor  
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:** None  
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
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<th>Required</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>☐ M&amp;T</td>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>(None)</td>
<td></td>
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<tr>
<td>(None)</td>
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</table>

- **M&T 913 Report (Steel)**

### Action Details

- **Action Date:** 11/15/2006  
- **Performed By:** conv  
- **Check In:** changed pipe, steel encasement from NR to MRR - rkp  
- **Comment:**
Pipe, Steel Encasement

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
</tr>
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</table>

Sample Comment: None
Technician Certifications: (None)

Certification: Required
Type: 1: Certified Mill Test Report
Responsibility: M&T

Action Date: 11/15/2006
Performed By: conv
Check In: changed pipe, steel encasement from NR to MRR - rkp
Comment:
Pipe, Steel Encasement

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 100,000,000.00 M&T Field M&T Field

Sample Comment: None
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report
Buy America (None)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)
## Pipe, Steel Encasement

### General
- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Minor  
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:** None

**Technician Certifications:** (None)

![Certification Table](image)

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:</td>
<td>M&amp;T Field</td>
</tr>
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</table>

- M&T 913 Report (Steel)

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** changed pipe, steel encasement from NR to MRR - rkp  
**Comment:**
Pipe, Steel Encasement

General

- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
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<tbody>
<tr>
<td></td>
<td>1: Certified Mill Test Report</td>
<td>M &amp; T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td>(None)</td>
<td>M &amp; T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
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<td>M &amp; T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **Certification:** □ M & T 913 Report (Steel)

Testing Requirements

- **Sample Comment:** None
- **Technician Certifications:** (None)

**Action Date:** 07/08/2005

**Performed By:** rpace

**Check In:** changed pipe, steel encasement from NR to MRR - rkp

**Comment:**
# Minimum Sampling Guide

**Pipe, Steel Encasement**

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group:</td>
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<tr>
<td>How Received:</td>
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<tr>
<td>Metric/English:</td>
<td>Metric</td>
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<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest:</td>
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</tr>
<tr>
<td>Alt ID Matching:</td>
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</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
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<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
<td>□</td>
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<tr>
<td>Other Reports:</td>
<td>Prepayment Invoice Required</td>
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## Certification

<table>
<thead>
<tr>
<th>Type</th>
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<th>Responsibility</th>
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<tr>
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<tr>
<td>(None)</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
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<td>M&amp;T RE Both</td>
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</table>

- □ M&T 913 Report (Steel)

## Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Sample Comment:</td>
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<tr>
<td>Technician Certifications:</td>
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</table>

---

**Action Date:** 04/19/2004  
**Performed By:** fmoody

**Check In:** Pipe, Steel Encasement (Metric) - Changed How Received  
**Comment:** to Not Received.
## Pipe, Steel Encasement

### General
- **Group:** Steel  
- **Status:** Expired  
- **Version:** 2.00  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** No  
- **Other Reports:** Prepayment Invoice Required

### Certification
- **Required**
- **Type**
- **Responsibility**
  - 1: Certified Mill Test Report
    - (None)

### Testing Requirements
- **Test Category:** Verification  
  - **Sample Frequency:** 100,000,000.00  
  - **Sampling Responsibility:** M&T Field  
  - **Testing Responsibility:** M&T Field

### Sample Comment:
- None

### Technician Certifications:
- (None)
Pipe, Steel Encasement

General
- Group: Steel
- Status: History
- How Received: Not Received
- Version: 1.00
- Metric/English: English
- From Date: 04/19/2004
- To Date: 04/19/2004
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Minor
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required

Certification
- Required Type: 1: Certified Mill Test Report

Responsibility
- M&T
- RE
- Both

Testing Requirements
- Test Category: Verification
- Sample Frequency: 100,000,000.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Field

Sample Comment: None

Technician Certifications: (None)
Pipe, Steel Encasement

General

    Group: Steel
    How Received: Material Receipt
    Metric/English: English
    Facility Type: (None)
    Default Auth Lab: Structural Members - Steel
    Project Certification: Non-Critical
    MSG Responsibility: Structural Members

Status:

    Version: 2.02
    From Date: 01/01/1999 To Date: 12/31/2075

 Methods of Acceptance

    Pretest: N/A
    Alt ID Matching: (None)
    Sample/Test: N/A
    Approved List: N/A
    Visual Inspection: Required
    Catalog Cut: N/A
    Field Inspection: N/A
    Small Quantity: [ ]
    Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment: None

Technician Certifications: (None)

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>○ M&amp;T ● RE ○ Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
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</tbody>
</table>

[ ] M&T 913 Report (Steel)

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
Pipe, Utility, ABS

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Utilities</th>
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<tbody>
<tr>
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<td>Facility Type</td>
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<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest   | N/A    |
| Alt ID Matching  | (None) |
| Sample/Test  | N/A    |
| Approved List  | N/A    |
| Visual Inspection  | N/A    |
| Catalog Cut    | Required |
| Field Inspection  | N/A    |
| Small Quantity  |       |
| Other Reports   |        |

Testing Requirements

| Sample Comment: | (None) |
| Technician Certifications: | (None) |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Utility, ABS

#### General
<table>
<thead>
<tr>
<th>Group:</th>
<th>Utilities</th>
<th>Status:</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
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<td>Version:</td>
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<td>Metric</td>
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<td>To Date:</td>
<td>12/31/2075</td>
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<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
<td></td>
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</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
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#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
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<tbody>
<tr>
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<td>Sample/Test:</td>
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</tr>
<tr>
<td>Approved List:</td>
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</tr>
<tr>
<td>Visual Inspection:</td>
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<tr>
<td>Catalog Cut:</td>
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<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
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#### Testing Requirements

**Sample Comment:** Changes MSG group from Pipe to Utilities

**Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Pipe, Utility, ABS

### General
- **Group:** Utilities
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 2.01
- **Metric/English:** English
- **From Date:** 01/01/1999  **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>○ M&amp;T ● RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/19/2007  **Performed By:** rpace

**Check In:** Changes MSG group from Pipe to Utilities

**Comment:**
Pipe, Utility, ABS

### General
- **Group:** Pipe
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:**

#### Certification
- **Type:** Required
- **Responsibility**
  - 3: Manufacturer's Certification
    - (None)
    - M&T RE Both

- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Pipe, Utility, ABS (Metric) - Changed How Received to Not Received  
**Comment:** Received.
Pipe, Utility, ABS

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/25/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: Pay Adj Required

Certification:
Required

<table>
<thead>
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<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification (None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
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<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/25/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Pipe, Utility, ABS

### General
- **Group:** Pipe
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

### Testing Requirements
- **Sample Comment:** Pipe, Utility, ABS (English) - Changed How Received to Not Received.

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
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<tr>
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</table>

- **Certification:** Required
- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Pipe, Utility, ABS (English) - Changed How Received to Not Received.

**Comment:** Not Received.
Pipe, Utility, ABS

General

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Methods of Acceptance

<table>
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- [ ] M&T 913 Report (Steel)

Testing Requirements

Sample Comment: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Pipe, Utility, ABS (Metric) - Changed How Received to Not Received.
Pipe, Utility, ABS

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/20/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
(Required)
(Required)
(Required)
(Required)
M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### General
- **Group:** Pipe
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

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</table>

- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:**
  - Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe, Utility, ABS (English) - Changed How Received to Not Received.
Pipe, Utility, ABS

General

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<td>MSG Responsibility:</td>
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Methods of Acceptance

| Pretest:       | N/A                             |
| Alt ID Matching: | (None)                        |
| Sample/Test:   | N/A                             |
| Approved List: | N/A                             |
| Visual Inspection: | N/A                        |
| Catalog Cut:   | Required                       |
| Field Inspection: | N/A                          |
| Small Quantity: |                                |
| Other Reports: |                                |

Testing Requirements

| Sample Comment: |                                |
| Technician Certifications: | (None)                        |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Utility, Accessories

#### General

<table>
<thead>
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#### Methods of Acceptance

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#### Testing Requirements

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Pipe, Utility, Accessories

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: Samples are not required
Technician Certifications: (None)

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<thead>
<tr>
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<tr>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004
Performed By: fmoody
Check In: Pipe, Utility, Accessories (Metric) - Changed How Received to Materials Receipt, Cert Required as Type 6
Comment: Received to Materials Receipt, Cert Required as Type 6
Pipe, Utility, Accessories

General

Group: Utilities
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Correcting
Version: 2.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: Samples are not required
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
### Pipe, Utility, Accessories

#### General
- **Group:** Pipe
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:** Samples are not required
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In** Pipe, Utility, Accessories (Both) - Changed How Received  
**Comment:** to Not Received.
**Minimum Sampling Guide**

### Pipe, Utility, Accessories

#### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:** Samples are not required
- **Technician Certifications:** (None)

#### Certification

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- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 04/14/2004  
**Performed By:** fmood

**Check In:** Pipe, Utility, Accessories (Both) - Changed How Received to Materials Receipt, Cert Required as Type 6 and Approx Resp - Project Personnel.

**Comment:**
## Pipe, Utility, Accessories

### General

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### Methods of Acceptance

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### Certification

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</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/16/1997  
Performed By: twittington  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
## Pipe, Utility, Accessories

### General

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### Methods of Acceptance

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### Testing Requirements

- **Sample Comment**: Samples are not required
- **Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 08/18/2008  
**Performed By**: rpace  
**Check In**: tbd  
**Comment**:  

---
Pipe, Utility, Accessories

General

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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</table>

Methods of Acceptance

| Pretest:             | N/A                            | Type   | Required |
| Alt ID Matching:     | (None)                         | Responsibility |
| Sample/Test:         | N/A                            | M & T  | RE       |
| Approved List:       | N/A                            | Both   | Both     |
| Visual Inspection:   | N/A                            |        |          |
| Catalog Cut:         | Required                       | M & T  | Both     |
| Field Inspection:    | N/A                            | RE     | M & T    |
| Small Quantity:      |                                | Both   | Both     |
| Other Reports:       | Prepayment Invoice Required    |        |          |

Testing Requirements

| Sample Comment:      | Samples are not required       |
| Technician Certifications: | (None)  |

Certification: 6: Supplier's Certification

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/18/2008
Performed By: rpace
Check In: tbd
Comment:
Pipe, Utility, Accessories

General

- Group: Utilities
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Minor
- MSG Responsibility: Structural Members

Status: Expired

Version: 2.01

From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Prepayment Invoice Required

Testing Requirements

- Sample Comment: Samples are not required
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Accessories

General

Group: Utilities
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999   To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: Samples are not required
Technician Certifications: (None)

Certification: Required

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<td>M&amp;T 913 Report (Steel)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/18/2008
Performed By: rpace
Check In: tbd
Comment: 
Pipe, Utility, Accessories

General

Group: Utilities  Status: Expired
How Received: Not Received  Version: 3.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: Samples are not required
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Utility, Accessories

**General**

- **Group:** Pipe
- **Status:** History
- **How Received:** Not Received
- **Version:** 1.01
- **Metric/English:** Metric
- **From Date:** 04/19/2004
- **To Date:** 09/23/2006
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
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<th>Description</th>
<th>Value</th>
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<tr>
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</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
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<td></td>
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<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
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</table>

**Certification:**

- **Required**
  - **Type:** 6: Supplier's Certification
  - **Responsibility:**
    - M&T
    - RE
    - Both

- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Sample Comment:** Samples are not required
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In** Pipe, Utility, Accessories (Metric) - Changed How

**Comment:** Received to Not Received.
Pipe, Utility, Accessories

General

Group: Pipe
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 1.01
From Date: 04/19/2004  To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: Required
Type
6: Supplier's Certification
(Required)

Responsibility
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: Samples are not required
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Pipe, Utility, Accessories (English) - Changed How
Comment: Received to Not Received.
## Pipe, Utility, Accessories

### General
- **Group:** Utilities
- **Status:** Current
- **Version:** 2.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required
- **Certification:** Required
- **Type:** (None)
- **Responsibility:**
  - M & T
  - RE
  - Both

### Testing Requirements
- **Sample Comment:** Samples are not required
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
Pipe, Utility, Accessories

General

Group: Pipe
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: Samples are not required
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe, Utility, Accessories (Both) - Changed How Received: to Not Received.
Pipe, Utility, Accessories

General
Group: Pipe
How Received: Material Receipt
Metric/English: English
Status: History
Version: 1.00
From Date: 04/14/2004 
To Date: 04/14/2004
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: Samples are not required
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Accessories

General

Status: Expired
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Group: Utilities
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐

Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: Samples are not required
Technician Certifications: (None)

Certification: Required

Type
6: Supplier's Certification
(Both)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

☑ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Pipe, Utility, Accessories

### General

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<td>Structural Members</td>
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### Methods of Acceptance

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### Certification

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- **M&T 913 Report (Steel)**

### Testing Requirements

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### Pipe, Utility, Accessories

**General**
- **Group:** Utilities
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<td>Other Reports</td>
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</table>

#### Certification

- **Type:** Required
- **Responsibility:**
  - 6: Supplier's Certification
    - (None)
    - M&T RE Both

- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**

---

**From Date:** 01/01/1999  
**To Date:** 12/31/2075
North Carolina Department of Transportation
Minimum Sampling Guide

Pipe, Utility, Ductile Iron

General
Group: Utilities
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ❑
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
6: Supplier's Certification
(Except Non-Critical)
(Except M&T Only)
M&T
6: Supplier's Certification
(Except Non-Critical)
(Except M&T Only)
M&T
6: Supplier's Certification
(Except Non-Critical)
(Except M&T Only)
M&T
6: Supplier's Certification
(Except Non-Critical)
(Except M&T Only)
M&T
6: Supplier's Certification
(Except Non-Critical)
(Except M&T Only)
M&T
M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
## Pipe, Utility, Ductile Iron

### General

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<td>Default Auth Lab</td>
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<td>Project Certification</td>
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<td>Structural Members</td>
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### Methods of Acceptance

| Pretest                | N/A         |
| Alt ID Matching        | (None)      |
| Sample/Test            | N/A         |
| Approved List          | N/A         |
| Visual Inspection      | N/A         |
| Catalog Cut            | Required    |
| Field Inspection       | N/A         |
| Small Quantity         |            |
| Other Reports          |             |

### Certification

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<td>M &amp; T RE Both</td>
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<tr>
<td>Buy America</td>
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<tr>
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<td>M &amp; T RE Both</td>
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- M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:**
  - Technician Certifications: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Pipe, Utility, Ductile Iron

General

Group: Utilities
How Received: Material Receipt
Metric/English: Metric

Status: Current
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required
Type
6: Supplier's Certification
(No)
(No)
M&T RE Both
M&T RE Both
M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/19/2007
Performed By: rpace
Check In: Changes MSG group from Pipe to Utilities
Comment:
**Pipe, Utility, Ductile Iron**

**General**
- **Group:** Utilities
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:**

**Certification:**

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- [ ] M&T 913 Report (Steel)

**Testing Requirements**

**Sample Comment:**

**Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*
Pipe, Utility, Ductile Iron

**General**
- **Group:** Pipe
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Certification:**
- **Type:** Required
- **Responsibility:**
  - 6: Supplier's Certification
    - (None)
    - 913 Report (Steel)

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In** Pipe, Utility, Ductile Iron (Metric) - Changed Project
**Comment:** Certification to Non-Critical.
Pipe, Utility, Ductile Iron

General

- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

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- **Small Quantity:** □
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Certification:** Required

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<tr>
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<td>M&amp;T RE Both</td>
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- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/14/2004  **Performed By:** rpace

**Check In:** Changed from Pay Record to MRR- and added type 6 cert

**Comment:**
**Pipe, Utility, Ductile Iron**

### General

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### Methods of Acceptance

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### Testing Requirements

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**Certification:** Required

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- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Ductile Iron

General
- Group: Pipe
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: 

Testing Requirements
- Sample Comment: 
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmood
Check In: Pipe, Utility, Ductile Iron (English) - Changed Project Certification to Non-Critical.
Comment: Certification to Non-Critical.
Pipe, Utility, Ductile Iron

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
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</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest                | N/A                       |
| Alt ID Matching        | (None)                    |
| Sample/Test            | N/A                       |
| Approved List          | N/A                       |
| Visual Inspection      | Optional                  |
| Catalog Cut            | Required                  |
| Field Inspection       | N/A                       |
| Small Quantity         |                           |
| Other Reports          |                           |

Testing Requirements

| Sample Comment         |                           |
| Technician Certifications | (None)               |

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
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<tr>
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M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Pipe, Utility, Ductile Iron**

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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**Methods of Acceptance**

<table>
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<tbody>
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<td>Sample/Test</td>
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<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<td>Small Quantity</td>
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<td>Other Reports</td>
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**Testing Requirements**

**Sample Comment:**

**Technician Certifications:** (None)

**Certification:** Required

<table>
<thead>
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<th>Type</th>
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</tr>
<tr>
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<tr>
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<td>M&amp;T RE Both</td>
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</table>

- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe, Utility, Ductile Iron

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports:

Certification: Required
Type
6: Supplier's Certification
(Non)  M&T  RE  Both
(Non)  M&T  RE  Both
(Non)  M&T  RE  Both

Responsibility
M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Ductile Iron

### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>Optional</td>
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<tr>
<td>Catalog Cut</td>
<td>Required</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td></td>
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<tr>
<td>Other Reports</td>
<td></td>
</tr>
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</table>

### Testing Requirements

- **Sample Comment:** Pipe, Utility, Ductile Iron (English) - Changed Project Certification to Non-Critical.
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
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<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe, Utility, Ductile Iron (English) - Changed Project Certification to Non-Critical.
North Carolina Department of Transportation
Minimum Sampling Guide

Pipe, Utility, Ductile Iron Fittings

General
Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 1.01
From Date: 09/05/2008 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports:

Certification: Required Type

<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

☑ M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Pipe, Utility, Ductile Iron Fittings

General

Group: Pipe

How Received: Material Receipt

Metric/English: English

Facility Type: (None)

Default Auth Lab: Structural Members - Steel

Project Certification: Critical

MSG Responsibility: Structural Members

Status: Current

Version: 1.03

From Date: 01/18/2007  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: N/A

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: Required

Field Inspection: N/A

Small Quantity: 

Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

Type: M & T 913 Report (Steel)

Responsibility: 6: Supplier's Certification

Buy America

(M & T • RE • Both)

(Note)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Ductile Iron Fittings

General

Group: Pipe
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 1.00
From Date: 09/05/2008 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required Type
Responsibility

6: Supplier's Certification
  (None)
  (None)
  M&T RE Both
  M&T RE Both
  M&T RE Both

- M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/05/2008
Performed By: rpace
Check In: sdf
Comment:
Pipe, Utility, Ductile Iron Fittings

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 1.02
From Date: 01/18/2007
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: False
Other Reports:

Testing Requirements

Sample Comment:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/05/2008
Performed By: rpace
Check In: Changed from english to both
Comment:
Pipe, Utility, Ductile Iron Fittings

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 1.01
From Date: 01/18/2007  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required
Type
6: Supplier's Certification
(None)
(None)

Responsibility
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both
☐ M&T  ☐ RE  ☐ Both

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/07/2007  Performed By: rpace
Check In  ?
Comment:
Pipe, Utility, Ductile Iron Fittings

General

Group: Pipe  Status: Expired
How Received: Material Receipt  Version: 1.00
Metric/English: English  From Date: 01/18/2007  To Date: 12/31/2075
Facility Type: (None)  Facility Type: Structural Members - Steel
Default Auth Lab: Structural Members - Steel  Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: N/A  6: Supplier's Certification
Approved List: N/A  (None)  M &T  RE  Both
Visual Inspection: Optional  (None)  M &T  RE  Both
Catalog Cut: Required  Both
Field Inspection: N/A  M &T  RE  Both
Small Quantity:  M &T 913 Report (Steel)
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications:  (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/18/2007  Performed By: rpace
Check In  New Material Type for MSG
Comment:
**Pipe, Utility, Ductile Iron Fittings**

**General**

- **Group:** Pipe  
- **Status:** Current  
- **How Received:** Material Receipt  
- **Version:** 1.02  
- **Metric/English:** Both  
- **From Date:** 09/05/2008  
- **To Date:** 12/31/2075  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** Required  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:**

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<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>Buy America (None)</td>
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</table>

- **M&T 113 Report (Steel)**

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/05/2008  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Pipe, Utility, Ductile Iron, Fittings

General
Group: Utilities
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Correcting
Version: 2.02
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: N/A
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Ductile Iron, Fittings

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required
Type

Responsibility

6: Supplier's Certification
(Nonne)
(Nonne)

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pipe, Utility, Ductile Iron, Fittings (Metric) - Changed
Comment: Project Certification to Non-Critical.
Pipe, Utility, Ductile Iron, Fittings

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports:

Certification: Required
Type
6: Supplier’s Certification
   (None)
   (None)
Responsibility
- M&T RE Both
- M&T RE Both
- M&T RE Both
- M&T RE Both

[ ] M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004
Performed By: fmooody
Check In: Pipe, Utility, Ductile Iron, Fittings (Metric) - Changed How
Comment: Received to Materials Receipt, Cert Required as Type 6 and Approved Resp - Project Personnel.
Pipe, Utility, Ductile Iron, Fittings

General
Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: fmoody
Check In: Pipe, Utility, Ductile Iron, Fittings (English) - Changed
Comment: Project Certification to Non-Critical.
Pipe, Utility, Ductile Iron, Fittings

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 04/14/2004 To Date: 04/14/2004

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity:
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Ductile Iron, Fittings

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Utilities</th>
<th>Status:</th>
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<tr>
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<td>To Date:</td>
<td>12/31/2075</td>
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<td>MSG Responsibility:</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td>Metric/English:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:        | N/A                |
| Alt ID Matching:| (None)             |
| Sample/Test:    | N/A                |
| Approved List:  | N/A                |
| Visual Inspection: | N/A               |
| Catalog Cut:    | Required           |
| Field Inspection: | N/A               |
| Small Quantity: |                    |
| Other Reports:  |                    |

Testing Requirements

Sample Comment: Changes MSG group from Pipe to Utilities

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Ductile Iron, Fittings

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: N/A
Other Reports:

Testing Requirements

Sample Comment: Pipe, Utility, Ductile Iron, Fittings (Metric) - Changed Project Certification to Non-Critical.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Perform By: conv
Check In: Pipe, Utility, Ductile Iron, Fittings (Metric) - Changed
Comment: Project Certification to Non-Critical.
### Pipe, Utility, Ductile Iron, Fittings

**General**
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** English
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/19/2004
- **To Date:** 09/23/2006
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:**

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
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<td>M&amp;T ○ RE ○ Both</td>
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<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

**Testing Requirements**
- **Sample Comment:** Pipe, Utility, Ductile Iron, Fittings (English) - Changed Project Certification to Non-Critical.

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe, Utility, Ductile Iron, Fittings (English) - Changed  
**Comment:** Project Certification to Non-Critical.
Pipe, Utility, Ductile Iron, Fittings

General
<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilities</td>
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<td>12/31/2075</td>
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<tr>
<td>How Received</td>
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<td></td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
<td></td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest     | N/A                     |
| Alt ID Matching | (None)                 |
| Sample/Test  | N/A                     |
| Approved List | N/A                     |
| Visual Inspection | N/A               |
| Catalog Cut  | Required                |
| Field Inspection | N/A                |
| Small Quantity |                         |
| Other Reports: |                         |

Testing Requirements

Sample Comment: New MSG 2013

Technician Certifications: (None)

Certification: Required Type

<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<tr>
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M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Ductile Iron, Fittings

General

<table>
<thead>
<tr>
<th>Group</th>
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How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

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<td>Small Quantity:</td>
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Other Reports: (None)

Testing Requirements

Sample Comment: NEW MSG 2013
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification: Required
Type
6: Supplier's Certification
○ M&T ○ RE ○ Both
(Non) ○ M&T ○ RE ○ Both
(Non) ○ M&T ○ RE ○ Both

M&T 913 Report (Steel)

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
Pipe, Utility, Polyethylene

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Methods of Acceptance

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Testing Requirements

Sample Comment:

Technical Certifications: (None)
## Pipe, Utility, Polyethylene

### General

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### Methods of Acceptance

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### Certification

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- M&T 913 Report (Steel)

### Testing Requirements

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Polyethylene

General

Group: Utilities
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

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<th>Type</th>
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☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Polyethylene

General
Group: Pipe
Status: Expired
How Received: Not Received
Version: 1.00
Metric/English: Metric
From Date: 01/01/1999
Facility Type: (None)
To Date: 12/31/2075
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
○ M&T ○ RE ○ Both
(Non) ○ M&T ○ RE ○ Both
(Non)

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: Added material Type - Pipe, Utility, Polyethylene - Metric -
Comment: rkp
## Minimum Sampling Guide

### Pipe, Utility, Polyethylene

#### General
- **Group:** Pipe
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

<table>
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<th>Required Type</th>
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<tbody>
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<td>3: Manufacturer's Certification</td>
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</tbody>
</table>

- □ M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** rpace

**Check In**

**Comment:** Added material Type - Pipe, Utility, Polyethylene
### Pipe, Utility, Polyethylene

#### General
- **Group:** Utilities
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members
- **Status:** Current
- **Version:** 1.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance

<table>
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<tr>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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</table>

#### Certification

- **Certification:** Required
- **Type:**
  - 3: Manufacturer's Certification
- **Responsibility:**
  - M&T
  - RE
  - Both

- (None)

- (None)

- ☐ M&T 913 Report (Steel)

---

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace

**Check In:** NEW 2013 MSG

**Comment:**
Pipe, Utility, PVC

General

Group: Utilities
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.02
From Date: 01/01/1999  
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No

Testing Requirements

Sample Comment: Sample not required
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification: Required

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Performance: 02/14/2013

Check In: NEW 2013 MSG

Comment: 
Pipe, Utility, PVC

General

- **Group:** Utilities
- **Status:** Current
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/19/2007

Performed By: rpace

Check In: Changes MSG group from Pipe to Utilities

Comment:
### General
- **Group:** Utilities
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

### Testing Requirements
- **Sample Comment:** Sample not required
- **Technician Certifications:** (None)

#### Certification
<table>
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<tbody>
<tr>
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- **Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/19/2007  
**Performed By:** rpace  
**Check In:** Changes MSG group from Pipe to Utilities  
**Comment:**
## Pipe, Utility, PVC

### General
- **Group:** Pipe
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification
- **Certification:** Required
- **Type:**
  - 3: Manufacturer's Certification
    - (None)
    - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pipe, Utility, PVC (Metric) - Changed How Received to Not Received.
Comment: Received.
### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Pay Adj Required

### Certification

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- □ M&T 913 Report (Steel)

### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997
**Performed By:** fmoody
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Pipe, Utility, PVC

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<th>Responsibility</th>
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<tbody>
<tr>
<td>Type</td>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements

| Sample Comment:                  | Sample not required |
| Technician Certifications:       | (None)              |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Pipe, Utility, PVC (English) - Changed How Received to Not Received.
Comment: Not Received.
Pipe, Utility, PVC

**General**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
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</tr>
<tr>
<td>To Date</td>
<td>12/11/1999</td>
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</table>

**Methods of Acceptance**

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Pay Adj Required

**Certification**

<table>
<thead>
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<th>Type</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T &amp; RE &amp; Both</td>
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</tbody>
</table>

- M&T 913 Report (Steel)

**Testing Requirements**

- Sample Comment: Archive data come from Minimum Sampling Guide on v3.0
- Technician Certifications: (None)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, PVC

General

Group: Pipe
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 1.01
From Date: 04/19/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements

Sample Comment:
Technician Certifications: (None)

Certification: Required
Type: 3: Manufacturer's Certification
Responsibility: M&T RE Both
☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe, Utility, PVC (Metric) - Changed How Received to Not Received
Comment: Received.
# Minimum Sampling Guide

**Pipe, Utility, PVC**

## General

- **Group:** Pipe
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

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<td>Sample/Test</td>
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<td>Approved List</td>
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<td>Catalog Cut</td>
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<td>Small Quantity</td>
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## Testing Requirements

- **Sample Comment:** Sample not required
- **Technician Certifications:** (None)

### Certification

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- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe, Utility, PVC (English) - Changed How Received to Not Received.  
**Comment:** Not Received.
Pipe, Utility, PVC

General
- Group: Utilities
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Status: Correcting
Version: 2.02
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: □
- Other Reports:

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification: Required
Type
3: Manufacturer's Certification
  - (None)
  - (None)

Responsibility
- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T 913 Report (Steel)

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
Pipe, Utility, Steel

### General
- **Group:** Steel
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

### Certification
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Steel

General
- Group: Steel
- How Received: Not Received
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Minor
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: □
- Other Reports:

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Certification: Required
- Type: Manufacturer's Certification
- Responsibility: M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Minimum Sampling Guide

### Pipe, Utility, Steel

**General**
- **Group:** Steel
- **Status:** Current
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

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</table>

**Testing Requirements**
- **Sample Comment:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Perform By:** fmoody
**Action Date:** 01/01/1999
**Check In:** Pipe, Utility, Steel (Metric) - Changed How Received to Not Received
**Comment:** Received.
Pipe, Utility, Steel

General

- Group: Steel
- How Received: Pay Record
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Minor
- MSG Responsibility: Structural Members

Status: History
- Version: 1.00

From Date: 04/23/2001 To Date: 04/23/2001

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: 
- Other Reports:

Certification:

- Type: Required
- Responsibility:
  - 3: Manufacturer's Certification
    - (None)
    - (None)

M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/23/2001
Performed By: rpace
Check In: added pipe, utility, steel in metric
Comment:
**Pipe, Utility, Steel**

### General
- **Group:** Steel
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Status
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

<table>
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<td>M &amp; T</td>
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<tr>
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<td>M &amp; T</td>
</tr>
</tbody>
</table>

- **Certification:** Required
- **Responsibility:** M & T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** Pipe, Utility, Steel (English) - Changed How Received to Not Received.

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Pipe, Utility, Steel (English) - Changed How Received to Not Received  
**Comment:** Not Received.
Pipe, Utility, Steel

General
- Group: Steel
- How Received: Pay Record
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Minor
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: N/A

Testing Requirements
- Sample Comment: Changed info for steel utility pipe
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Pipe, Utility, Steel

General

Group: Steel
How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: N/A

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</tr>
<tr>
<td>(None)</td>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/23/2001
Performed By: rpace
Check In: Added new material type Pipe, Utility, Steel
Comment:
Pipe, Utility, Steel

General
Group: Utilities               Status: Current
How Received: Material Receipt
Metric/English: English         Version: 3.02
Facility Type: (None)          From Date: 01/01/1999   To Date: 12/31/2075
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity:   
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Certification: Required
Type
3: Manufacturer's Certification
(Required)

Responsibility
M & T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013        Performed By: rpace
Check In: New MSG 2013
Comment:
Pipe, Utility, Steel

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

Type

Responsibility

3: Manufacturer's Certification

M&T RE Both

M&T RE Both

M&T RE Both

N/A

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Pipe, Water, Copper

General
Group: Utilities
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity:
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
### Pipe, Water, Copper

#### General
- **Group:** Utilities
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

#### Certification Requirement

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</table>

- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/19/2007  
**Performed By:** rpace  
**Check In:** Changes MSG group from Pipe to Utilities  
**Comment:**

---

**Page Information:**
- **Page:** Page 1763 of 2668  
- **Date:** 03/18/2019  
- **Department:** North Carolina Department of Transportation  
- **Title:** Minimum Sampling Guide  
- **Status:** Current  
- **Version:** 3.01  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075
Pipe, Water, Copper

General

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Methods of Acceptance

<table>
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<tr>
<th>Certification: Required Type</th>
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<tr>
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Testing Requirements

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<tr>
<th>Sample Comment:</th>
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<tbody>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/19/2007  Performed By: rpace
Check In Changes MSG group from Pipe to Utilities
Comment:
## Pipe, Water, Copper

### General

<table>
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<tr>
<td>Group</td>
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### Methods of Acceptance

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<td>Other Reports</td>
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### Testing Requirements

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### Certification

<table>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Water, Copper

#### General
- **Group:** Pipe
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

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<tbody>
<tr>
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<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
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<tr>
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</table>

- **Project Certification:** Minor

#### Check In
- **Pipe, Water, Copper (Metric) - Changed How Received to Materials Receipt, Cert Required as Type 6 and Approved by Project Personnel.

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/14/2004  
**Performed By:** fmoodly  
**Check In:** Pipe, Water, Copper (Metric) - Changed How Received to Materials Receipt, Cert Required as Type 6 and Approved by Project Personnel.
## Pipe, Water, Copper

### General
- **Group**: Pipe
- **How Received**: Material Receipt
- **Metric/English**: Metric
- **Facility Type**: (None)
- **Default Auth Lab**: Physical Lab
- **Project Certification**: Minor
- **MSG Responsibility**: Structural Members
- **Status**: History
- **Version**: 1.00
- **From Date**: 10/15/1997
- **To Date**: 12/11/1999

### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: Required
- **Field Inspection**: N/A
- **Small Quantity**: No
- **Other Reports**: Pay Adj Required

### Certification
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<td>M &amp; T Report (Steel)</td>
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### Testing Requirements
- **Sample Comment**: Archive data come from Minimum Sampling Guide on v3.0
- **Technician Certifications**: (None)

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 10/15/1997
**Performed By**: fmoody
**Check In**: Archive data come from Minimum Sampling Guide on v3.0
**Comment**: Production db
**Pipe, Water, Copper**

**General**
- **Group:** Pipe
- **Status:** History
- **Version:** 2.01
- **From Date:** 04/19/2004  
  **To Date:** 09/23/2006

**Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

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- **M&T 913 Report (Steel)**

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In** Pipe, Water, Copper (Metric) - Changed How Received to Not Received.
North Carolina Department of Transportation
Minimum Sampling Guide

Pipe, Water, Copper

General
Group: Pipe
How Received: Not Received
Metric/English: English
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports:

Certification: Required
Type
6: Supplier's Certification
( None)
( None)
[ ] M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe, Water, Copper (English) - Changed How Received to Not Received.
Pipe, Water, Copper

General

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Status: Expired

Version: 3.00

From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

| Pretest:       | N/A                        |
| Alt ID Matching: | (None)                     |
| Sample/Test:   | N/A                        |
| Approved List: | N/A                        |
| Visual Inspection: | Optional                |
| Catalog Cut:   | Required                   |
| Field Inspection: | N/A                      |
| Small Quantity: |                           |
| Other Reports: |                           |

Certification:

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☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: fmoody

Check In: Pipe, Water, Copper (English) - Changed How Received to Not Received.
Pipe, Water, Copper

General

Group: Pipe  Status: History
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: 

Testing Requirements

Sample Comment: Pipe, Water, Copper (English) - Changed How Received to Materials Receipt, Cert Required as Type 6 and Approved by Project Personnel.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004  Performed By: fmoody
Check In: Pipe, Water, Copper (English) - Changed How Received to Materials Receipt, Cert Required as Type 6 and Approved
# North Carolina Department of Transportation

## Minimum Sampling Guide

### Pipe, Water, Copper

#### General

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#### Methods of Acceptance

| Pretest:         | N/A           |
| Alt ID Matching: | (None)        |
| Sample/Test:     | N/A           |
| Approved List:   | N/A           |
| Visual Inspection: | N/A         |
| Catalog Cut:     | Required      |
| Field Inspection: | N/A           |
| Small Quantity:  |               |
| Other Reports:   | Pay Adj Required |

#### Certification

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- **M&T 913 Report (Steel)**

#### Testing Requirements

| Sample Comment: |  |
| Technician Certifications: | (None) |

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Pipe, Water, Copper

#### General
- **Group**: Utilities
- **How Received**: Material Receipt
- **Metric/English**: English
- **Facility Type**: (None)
- **Default Auth Lab**: Structural Members - Steel
- **Project Certification**: Non-Critical
- **MSG Responsibility**: Structural Members
- **Status**: Current
- **Version**: 3.02
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075

#### Methods of Acceptance

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<td>Other Reports</td>
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#### Certification

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- **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment**: NEW 2013 MSG
- **Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 02/14/2013  
**Performed By**: rpace  
**Check In**: NEW 2013 MSG  
**Comment**: 
Pipe, Water, Galvanized Steel

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

Type

3: Manufacturer's Certification
Buy America
(None)

Responsibility

M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Pipe, Water, Galvanized Steel

General
Group: Steel
Status: Current
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No

Testing Requirements
Sample Comment: Pipe, Water, Galvanized Steel (Metric) - Changed How Received to Not Received.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoodly
Check In: Pipe, Water, Galvanized Steel (Metric) - Changed How Received to Not Received.
## Pipe, Water, Galvanized Steel

### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Pay Adj Required

**Certification:** Required

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☐ M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe, Water, Galvanized Steel

**General**
- **Group:** Steel
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

**Testing Requirements**
- **Sample Comment:** Pipe, Water, Galvanized Steel (Metric) - Changed How Received to Not Received.
- **Technician Certifications:** (None)

**Certification:** Required
- **Type:**
  - 3: Manufacturer's Certification
    - (None)
    - M & T
    - RE
    - Both

**Responsibility**
- M & T
- RE
- Both
- M & T
- RE
- Both

M & T 913 Report (Steel)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe, Water, Galvanized Steel (Metric) - Changed How Received to Not Received.
### Pipe, Water, Galvanized Steel

#### General
- **Group:** Steel
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

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#### Certification

- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - M & T
    - RE
    - Both

#### Testing Requirements

- **Sample Comment:** Pipe, Water, Galvanized Steel (English) - Changed How Received to Not Received.

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Pipe, Water, Galvanized Steel (English) - Changed How Received to Not Received.
### Pipe, Water, Galvanized Steel

#### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Pay Adj Required

#### Certification
- **Certification:** Required
- **Type:**
  - 3: Manufacturer's Certification
    - (None)
    - (None)
- **Responsibility**
  - M&T
  - RE
  - Both

#### Methods of Acceptance

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- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Pipe, Water, Galvanized Steel

General

Group: Steel
How Received: Not Received
Metric/English: English
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

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☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Pipe, Water, Galvanized Steel (English) - Changed How Received to Not Received.
Pipe, Water, PE

General
Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: √
Other Reports:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Pipe, Water, PE

### General

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### Methods of Acceptance

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<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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### Testing Requirements

<table>
<thead>
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<tr>
<td>Technician Certifications</td>
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#### Certification

<table>
<thead>
<tr>
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<th>Responsibility</th>
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<tr>
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<td>M&amp;T RE Both</td>
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<tr>
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</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  
Performed By: fmoody  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
Pipe, Water, Polyethylene

General
Group: Utilities  Status: Current
How Received: Not Received  Version: 3.01
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports: National Sanitation Foundation Seal of Approval required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 12/19/2007  Performed By: rpace
Check In: Changes MSG group from Pipe to Utilities
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Pipe, Water, Polyethylene

General
- Group: Utilities
- How Received: Not Received
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Structural Members

Status: Expired
Version: 3.01
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

| Pretest   | N/A |
| Alt ID Matching | (None) |
| Sample/Test | N/A |
| Approved List | N/A |
| Visual Inspection | N/A |
| Catalog Cut   | Required |
| Field Inspection | N/A |
| Small Quantity | ☐ |
| Other Reports | National Sanitation Foundation Seal of Approval required |

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification: Required
Type  Responsibility
- 6: Supplier's Certification
  (None)  M&T  RE  Both
  (None)  M&T  RE  Both
  M&T  RE  Both

☐ M&T 913 Report (Steel)

Action Date: 12/19/2007  Performed By: rpace
Check In: Changes MSG group from Pipe to Utilities
Comment:
Pipe, Water, Polyethylene

General

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Status: Expired

Version: 3.00

From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

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Testing Requirements

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody

Check In  Pipe, Water, Polyethylene (Metric) - Changed How Received to Not Received.
Pipe, Water, Polyethylene

General

<table>
<thead>
<tr>
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<td>Minor</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: False
- Other Reports: National Sanitation Foundation Seal of Approval required

Testing Requirements

- Sample Comment: Pipe, Water, Polyethylene (Metric) - Changed How Received to Materials Receipt, Cert Required as Type 6 and Approved Resp - Project Personnel.
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004
Performed By: fmoody
Check In: Pipe, Water, Polyethylene (Metric) - Changed How Received to Materials Receipt, Cert Required as Type 6 and Approved Resp - Project Personnel.
### Pipe, Water, Polyethylene

**General**
- **Group:** Pipe
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Status:** History
- **Version:** 2.01
- **From Date:** 04/19/2004
- **To Date:** 09/23/2006

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** National Sanitation Foundation Seal of Approval required

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<td>M &amp; T</td>
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<tr>
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<td>RE</td>
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<tr>
<td>□</td>
<td>M &amp; T 913 Report (Steel)</td>
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</tbody>
</table>

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Pipe, Water, Polyethylene (Metric) - Changed How
**Comment:** Received to Not Received.
# Pipe, Water, Polyethylene

## General
- **Group:** Pipe
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

<table>
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<tbody>
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<tr>
<td>Field Inspection</td>
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</table>

### Certification
- **Required Type:** 6: Supplier's Certification
  - **Responsibility:**
    - (None): M&T, RE, Both
    - (None): M&T, RE, Both

### Other Reports
- National Sanitation Foundation Seal of Approval required

## Testing Requirements

- **Sample Comment:** Pipe, Water, Polyethylene (English) - Changed How Received to Not Received.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Pipe, Water, Polyethylene (English) - Changed How Received to Not Received.
**Comment:** Received to Not Received.
Pipe, Water, Polyethylene

### General

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<td>Group</td>
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<tr>
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<td>Metric/English</td>
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<td>MSG Responsibility</td>
<td>Structural Members</td>
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### Methods of Acceptance

<table>
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#### Certification

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<tr>
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#### Note

- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Testing Requirements

<table>
<thead>
<tr>
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### Actions

- **Action Date:** 01/01/1999
- **Performed By:** fmoody
- **Check In:** Pipe, Water, Polyethylene (English) - Changed How Received to Not Received
- **Comment:** Received to Not Received.
Pipe, Water, Polyethylene

General
- Group: Pipe
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: National Sanitation Foundation Seal of Approval required

Testing Requirements
- Sample Comment: 
- Technician Certifications: (None)

Certification: Required
- Type: 6: Supplier's Certification
- Responsibility:
  - M&T
  - RE
  - Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004
Performed By: fmoody
Check In: Pipe, Water, Polyethylene (English) - Changed How
Comment: Received to Materials Receipt, Cert Required as Type 6
## Pipe, Water, Polyethylene

### General

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<td>Structural Members</td>
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### Methods of Acceptance

| Pretest        | N/A          |
| Alt ID Matching| (None)       |
| Sample/Test    | N/A          |
| Approved List  | N/A          |
| Visual Inspection | N/A       |
| Catalog Cut    | Required     |
| Field Inspection| N/A          |
| Small Quantity |              |
| Other Reports  | National Sanitation Foundation Seal of Approval required |

### Certification

<table>
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<th>Responsibility</th>
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<tbody>
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</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Pipe, Water, Polyethylene

#### General

<table>
<thead>
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#### Methods of Acceptance

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- **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment:**

- **Technician Certifications:** (None)
Pipe, Welded Steel

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Welded Steel Pipe
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

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Sample Comment: One Test Per 180,000 linear meter. Check for gauge thickness and origin of steel.

Technician Certifications: (None)
Pipe, Welded Steel

General

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<thead>
<tr>
<th>Group:</th>
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<tbody>
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Status: Current
Version: 1.02
From Date: 03/20/2008 To Date: 12/31/2075

Methods of Acceptance

| Pretest:       | N/A                       |
| Alt ID Matching: | (None)                   |
| Sample/Test:   | Optional                  |
| Approved List: | Required                  |
| Visual Inspection: | Required               |
| Catalog Cut:   | N/A                       |
| Field Inspection: | Required             |

| Certification Type: Required |
| Certification Responsibility Type: |
| M & T 913 Report (Steel) |

| Field Inspection: | Required |
| Small Quantity:   | ☑         |
| Other Reports:    | Brand Certification |

Testing Requirements

<table>
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<th>Test Category</th>
<th>Sample Frequency</th>
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<tbody>
<tr>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: One Test Per 200,000 linear feet. Check for gauge thickness and origin of steel.

Technician Certifications: (None)
Pipe, Welded Steel

General

Group: Pipe
How Received: Material Receipt
Metric/English: Metric
Facility Type: Welded Steel Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Current
Version: 1.02
From Date: 03/20/2008 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

<table>
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<th>Sample Frequency</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment: One Test Per 180,000 linear meter. Check for gauge thickness and origin of steel.

Technician Certifications: (None)

Certification: Required

Type

6: Supplier's Certification

Responsibility

- M&T
- RE
- Both

M&T 913 Report (Steel)
Pipe, Welded Steel

General

Group: Pipe
How Received: Material Receipt
Metric/English: English
Facility Type: Welded Steel Pipe
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 1.01
From Date: 03/20/2008 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 200,000.00 | M&T Field | M&T Field

Sample Comment: One Test Per 200,000 linear feet. Check for gauge thickness and origin of steel.

Technician Certifications: (None)

Certification: Required
Type
6: Supplier's Certification
(Non) M&T RE Both
(Non) M&T RE Both
M&T 913 Report (Steel)

Performed By: rpace
Check In: Changed facility type and certifications
Comment:
## Pipe, Welded Steel

### General

- **Group:** Pipe
- **Status:** Expired
- **Version:** 1.01
- **From Date:** 03/20/2008
- **To Date:** 12/31/2075
- **Metric/English:** Metric
- **How Received:** Material Receipt
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T</td>
<td>RE</td>
</tr>
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</table>

- **Certification:** N/A
- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

- **Sample Comment:** One Test Per 2000 linear feet. Check for gauge thickness and origin of steel.
- **Technician Certifications:** (None)
Pipe, Welded Steel

General

Group: Pipe  Status: Expired
How Received: Material Receipt  Version: 1.00
Metric/English: English  From Date: 03/20/2008  To Date: 12/31/2075
Facility Type: (None)  Default Auth Lab: Field Section
Project Certification: Critical  MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: Required  1: Certified Mill Test Report
Approved List: N/A  3: Manufacturer's Certification
Visual Inspection: Required  (None)
Catalog Cut: N/A  M &T RE Both
Field Inspection: N/A  M &T 913 Report (Steel)
Small Quantity:  Other Reports:

Other Reports:

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  2,000.00  M&T Field  M&T Field
Sample Comment: One Test Per 2000 linear feet. Check for gauge thickness and origin of steel.
Technical Certifications: (None)

Action Date: 03/20/2008  Performed By: rpace
Check In  Created new material type for welded steel pipe. Accepted
Comment: by certifications and samples.
## Pipe, Welded Steel

### General

<table>
<thead>
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<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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<td>Project Certification</td>
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<td>MSG Responsibility</td>
<td>Field Section</td>
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### Methods of Acceptance

<table>
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<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td></td>
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### Certification

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
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### Testing Requirements

<table>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</table>

**Sample Comment:**
One Test Per 2000 linear feet. Check for gauge thickness and origin of steel.

**Technician Certifications:** (None)
Plantings

General
- Group: Landscape
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | Required |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |

Certification: Required

<table>
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<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T RE Both</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
<td></td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:
- Technician Certifications: (None)

Action Date: 01/01/1999
Performed By: fmoody
Check In: Planting (Both) - changed Visual Inspection to Required
Comment: and Catalog Cut to N/A.
### Plantings

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
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<tr>
<td>MSG Responsibility</td>
<td>Roadside Environmental Traffic Engineering</td>
</tr>
</tbody>
</table>

**Status:** History  
**Version:** 2.00  
**From Date:** 04/14/2004  
**To Date:** 04/14/2004

**Methods of Acceptance**

<table>
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<th>Field</th>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>Required</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
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<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>NCDA Certificate of Inspection</td>
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</table>

**Certification:** Required  
**Type**

- 6: Supplier's Certification  
  - (None)
  - (None)

<table>
<thead>
<tr>
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<th>Responsibility</th>
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<tbody>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
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**Testing Requirements**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Sample Comment</td>
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</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004  
Performed By: fmoody  
Check In: Planting (Both) Changed Catalog Cuts to Required.

Comment:
### Plantings

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Landscape</th>
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<tbody>
<tr>
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<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Roadside Environmental</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Roadside Environmental Traffic Engineering</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | Required |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | □ |
| Other Reports: | NCDA Certificate of Inspection; Pay Adj Required |

<table>
<thead>
<tr>
<th>Certification: Required Type Responsibility</th>
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<tr>
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<tr>
<td>- M&amp;T ☑ RE ☐ Both</td>
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<tr>
<td>- M&amp;T ☐ RE ☑ Both</td>
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<tr>
<td>- M&amp;T ☑ RE ☑ Both</td>
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</table>

- M&T 913 Report (Steel)

#### Testing Requirements

| Sample Comment: |
| Technician Certifications: | (None) |

---

**Action Date:** 05/16/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Plantings

General

Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: NCDA Certificate of Inspection. If nursery is out of state then accept a Certificate of Inspection from that state's Department of Agriculture.

Certification: Required
Type

6: Supplier's Certification
Other
(Non)

Responsibility

☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)
Plantings

General

Group: Landscape  
How Received: Not Received  
Metric/English: Metric  
Facility Type: (None)  
Default Auth Lab: Field Section  
Project Certification: Non-Critical  
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A  
Alt ID Matching: (None)  
Sample/Test: N/A  
Approved List: N/A  
Visual Inspection: Required  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  
Other Reports: NCDA Certificate of Inspection. If nursery is out of state than accept a Certificate of Inspection from that state's Department of Agriculture.

Testing Requirements

Sample Comment:  
Technician Certifications: (None)

Certification: Required  
Type:  
Responsibility:

- 6: Supplier's Certification  
- Other (None)  

- M&T  
- RE  
- Both
### Plantings

**General**

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering
  
**Status:** Expired

- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

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<tbody>
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<tr>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
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</tbody>
</table>

**Certification:** Required

- **Type:**
  - 6: Supplier's Certification
  - Other (None)

**Responsibility**

- ○ M&T ○ RE ○ Both
- ○ M&T ○ RE ○ Both
- ○ M&T ○ RE ○ Both

- ☐ M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** Visual inspection required by the Resident Engineer.
- **Technician Certifications:** (None)

---

**Action Date:** 02/14/2013

**Performed By:** rpace

**Check In:** New 2013 MSG

**Comment:**

- NCDA Certificate of Inspection. If nursery is out of state then accept a Certificate of Inspection from that state's Department of Agriculture.
## Minimum Sampling Guide

### Plantings

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Landscape</th>
<th>Status</th>
<th>History</th>
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<td>MSG Responsibility</td>
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#### Methods of Acceptance

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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports</td>
<td>NCDA Certificate of Inspection; Pay Adj Required</td>
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#### Certification

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<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<tr>
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<td>M&amp;T ○ RE ○ Both</td>
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</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

---

**Action Date:** 05/16/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Plantings

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Landscape</th>
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<td>Project Certification</td>
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<td></td>
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<tr>
<td>MSG Responsibility</td>
<td>Roadside Environmental Traffic Engineering</td>
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</tbody>
</table>

Methods of Acceptance

| Pretest     | N/A                                      |
| Alt ID Matching | (None)                                |
| Sample/Test  | N/A                                      |
| Approved List | N/A                                    |
| Visual Inspection | Required                             |
| Catalog Cut  | N/A                                      |
| Field Inspection | N/A                                   |
| Small Quantity | N/A                                    |
| Other Reports | NCDA Certificate of Inspection          |

Certification: Required

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<tbody>
<tr>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
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</table>

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: Changed How Received from Pay Record to Material

Technician Certifications: (None)

Action Date: 01/01/1999
Performed By: mnovello
Check In: Changed How Received from Pay Record to Material
Comment: Receipt
**Plantings**

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>From Date</th>
<th>To Date</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Default Auth Lab</th>
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<tr>
<td>Field Section</td>
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<table>
<thead>
<tr>
<th>Project Certification</th>
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<tbody>
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<table>
<thead>
<tr>
<th>MSG Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Roadside Environmental Traffic Engineering</td>
<td></td>
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**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required Type</th>
</tr>
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<tbody>
<tr>
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| Small Quantity           | N/A            |

**Testing Requirements**

<table>
<thead>
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</tr>
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<tr>
<td>01/01/1999</td>
<td>mnovello</td>
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<tr>
<td>Changed How Received from Pay Record to Material</td>
<td>Receipt Plantings - E</td>
</tr>
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</table>
North Carolina Department of Transportation
Minimum Sampling Guide

Plantings

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Roadside Environmental
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.00
From Date: 05/16/1997  To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: NCDA Certificate of Inspection; Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required
Type
Responsibility
6: Supplier's Certification
(Nothing)
(Nothing)
M&T 913 Report (Steel)

Action Date: 05/16/1997  Performed By: twhitington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Minimum Sampling Guide

Plantings

General

Group: Landscape
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: NCDA Certificate of Inspection

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification Type Responsibility
6: Supplier's Certification
□ M&T ● RE ○ Both
( PyQt)
( PyQt)
( PyQt)
( PyQt)
\[ M&T 913 Report (Steel) \]

Action Date: 11/15/2006
Performed By: conv
Check In: Planting (Both) - changed Visual Inspection to Required
Comment: and Catalog Cut to N/A.
Plantings

General

Group: Landscape  Status: Current
How Received: Material Receipt  Version: 3.02
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Certification:  Required

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</tr>
<tr>
<td>Other (None)</td>
<td>M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Other Reports: NCDA Certificate of Inspection. If nursery is out of state then accept a Certificate of Inspection from that state's Department of Agriculture.

Testing Requirements

Sample Comment: Visual inspection required by the Resident Engineer.

Technician Certifications: (None)

Action Date: 02/27/2013  Performed By: rpace
Check In New MSG Groups 2013
Comment:
Plantings, Reforestation

General

Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: NCDA Certificate of Inspection. If nursery is out of state accept based on a Certificate of Inspection from that state's Department of Agriculture.

Certification: Required Type
Responsibility

- Other
- (None)

M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
Plantings, Reforestation

General
Group: Landscape
How Received: Not Received
Metric/English: English
Status: History
Version: 1.01
From Date: 05/14/2004
To Date: 09/23/2006

Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: NCDA Certificate of Inspection

Certification: N/A
Type
(None)
(None)
(None)

Responsibility

☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

☐ M&T 913 Report (Steel)

Visual Inspection: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Sample Comment:

Technician Certifications: (None)

Action Date: 11/15/2006
Performed By: conv
Check In: Plantings, Reforestation - English - Changed How
Comment: Received from Pay Record to Not Received.
## Plantings, Reforestation

### General
- **Group:** Landscape
- **Status:** Current
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**  
- **Other Reports:** NCDA Certificate of Inspection

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Plantings, Reforestation - Metric - Changed How Received
**Comment:** from Pay Record to Not Received.
Plantings, Reforestation

**General**

- **Group:** Landscape
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** NCDA Certificate of Inspection

- **Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)
  - M&T 913 Report (Steel)

**Testing Requirements**

- **Sample Comment:**
  - Technician Certifications: (None)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmood

**Check In:** Plantings, Reforestation - English - Changed How  
**Comment:** Received from Pay Record to Not Received.
Plantings, Reforestation

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
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Methods of Acceptance

<table>
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<td>Field Inspection</td>
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<td>Other Reports</td>
<td>NCDA Certificate of Inspection</td>
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</table>

| Certification                  | N/A                                        |
| Type                           | N/A                                        |
| Responsibility                 | ☐ M&T ☐ RE ☐ Both                          |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<td>Sample Comment</td>
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<td>Technician Certifications</td>
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Action Date: 05/13/2004  Performed By: rpace
Check In: Changed Plantings, Reforestation to no pretest. RKP
Comment:
Plantings, Reforestation

General

Group: Landscape  Status: Current
How Received: Material Receipt  Version: 2.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: NCDA Certificate of Inspection. If nursery is out of state accept based on Certificate of Inspection from that state's Department of Agriculture.

Certification: Required

Type

Responsibility

Other
M&T  RE  Both
6: Supplier's Certification
(Steel)
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

Testing Requirements

Sample Comment:

Technician Certifications: (None)
Plastic Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 1.01
From Date: 10/15/2008
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: 

Certification: Required
Type

3: Manufacturer's Certification
5: Typical Certified Test Reports
(Both)

Responsibility

M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Action Date: 02/14/2013
Performed By: rpace
Check In New 2013 MSG
Comment:
Plastic Materials

General

Group:    Miscellaneous
How Received:    Material Receipt
Metric/English:    Both
Facility Type:    (None)
Default Auth Lab:    Field Section
Project Certification:    Critical
MSG Responsibility:    Field Section

Status:    Expired
Version:    1.00
From Date:    10/15/2008   To Date:    12/31/2075

Methods of Acceptance

Pretest:    N/A
Alt ID Matching:    (None)
Sample/Test:    N/A
Approved List:    N/A
Visual Inspection:    N/A
Catalog Cut:    N/A
Field Inspection:    N/A
Small Quantity:    ☐

Testing Requirements

Sample Comment:

Technician Certifications:    (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Plastic Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both

Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/2008
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Plastic Sheeting Materials

General
- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Physical Lab

Status: Current
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports:

Testing Requirements
- Sample Comment: One sample per roll.
- Technician Certifications: (None)

Test Formats
1. Polyethylene Film Test - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Certification: Required

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☐ M&T 913 Report (Steel)
Plastic Sheeting Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:

Certification: Required
Type
Responsibility

3: Manufacturer's Certification
M&T RE Both
(Non) M&T RE Both
(Non) M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: Sampled by M&T when needed. Accepted by certifications.

Technician Certifications: (None)

Test Formats

1. Polyethylene Film Test - Version 1

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:
Plastic Sheeting Materials

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:

Certification: N/A

Responsibility

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☐ M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 999,999.00 | Project Personnel | M&T Lab

Sample Comment: One sample per roll.

Technician Certifications: (None)

Test Formats
1. Polyethylene Film Test - Version 1
   
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:
## Plastic Sheeting Materials

### General

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### Methods of Acceptance

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<td>Catalog Cut</td>
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### Certification

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</table>

- M&T 913 Report (Steel)

### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

### Test Formats

1. **Polyethylene Film Test - Version 1**

   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

**Action Date:** 03/18/1998 **Performed By:** twhilltington

**Check In:** Archive data come from Minimum Sampling Guide on v3.0 **Comment:** Production db
### Plastic Sheeting Materials

#### General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**

#### Testing Requirements
- **Test Category:** Sample Frequency
  - Acceptance: 500.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** One sample per roll.
- **Technician Certifications:** (None)

### Test Formats
1. Polyethylene Film Test - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Plastic Sheeting Materials (English) Changed Project Certification to Minor.
Plastic Sheeting Materials

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 03/18/1998 To Date: 12/11/1999

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: N/A

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</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Polyethylene Film Test - Version 1

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 03/18/1998 Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Plastic Sheeting Materials

**General**

- **Group:** Miscellaneous
- **Status:** Current
- **How Received:** Not Received
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Version:** 2.01

- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** None
- **Other Reports:**

- **Certification:** Required
  - **Type:** 3: Manufacturer's Certification
  - **Responsibility:**
    - M&T
    - RE
    - Both

- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Test Category:** Acceptance
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** Project Personnel
  - **Testing Responsibility:** M&T Lab

- **Sample Comment:** Sampled by M&T when needed. Accepted by certifications.

- **Technician Certifications:** (None)

**Test Formats**

1. Polyethylene Film Test - Version 1

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 04/09/2007  
**Performed By:** rpace

**Comment:** Changed to accepted by Certifications
Plastic Sheeting Materials

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 500.00 Project Personnel M&T Lab

Sample Comment: One sample per roll.
Technician Certifications: (None)

Test Formats

1. Polyethylene Film Test - Version 1
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks: 
   M&T 913 Report (Steel)
## Plastic Sheeting Materials

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
<td>Optional</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
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<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

#### Test Category
- **Test Category**: Acceptance
- **Sample Frequency**: 999,999.00
- **Sampling Responsibility**: Project Personnel
- **Testing Responsibility**: M&T Lab

#### Sample Comment
- One sample per roll.

#### Technician Certifications
- (None)

#### Test Formats

1. **Polyethylene Film Test** - Version 1
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: None

---

**Action Date**: 11/15/2006

**Performed By**: conv

**Check In**: Plastic Sheeting Materials (Metric) Changed Project Certification to Minor.

**Comment**: Certification to Minor.
Plastic Sheeting Materials

General
- Group: Miscellaneous
- How Received: Not Received
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 04/16/2004  To Date: 09/23/2006

Methods of Acceptance
- Pretest: Optional
- Alt ID Matching: No Match
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No

Certification: N/A
- Type
- Responsibility
  - (None)

Testing Requirements
- Test Category Acceptance
  - Sample Frequency: 500.00
  - Sampling Responsibility: Project Personnel
  - Testing Responsibility: M&T Lab

Sample Comment: One sample per roll.
Technician Certifications: (None)

Test Formats
1. Polyethylene Film Test - Version 1
   - Metric/English Code: Both
   - Sample/Test Remarks:

Owning Lab: Physical Lab
IA Type: None

Action Date: 11/15/2006  Performed By: conv
Check In: Plastic Sheeting Materials (English) Changed Project Certification to Minor.
Poles, Metal

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>How Received</th>
<th>Version</th>
<th>Metric/English</th>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
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<tbody>
<tr>
<td>Steel</td>
<td>Subject History</td>
<td>Material Receipt</td>
<td>1.00</td>
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<td>Non-Critical</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

From Date: 10/15/1997  To Date: 12/11/1999

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: N/A

Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment: (None)

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0  Comment: Production db
**Poles, Metal**

### General
- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Status:** Expired  
- **Version:** 2.01

**Certification: Required**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

**Field Inspection:** Required  
**Inspection Type(s):** Structural Steel

**Visual Inspection:** Required

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Catalog Cut:** Required

**Testing Requirements**
- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 02/14/2013*  
*Performed By: rpace*

*Check In: New 2013 MSG*

*Comment:*

---
Poles, Metal

General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No sample - accepted by certification
- **Other Reports:** Prepayment Invoice Required

Certification:
- **Type:** Required
- **Responsibility:**
  - 1: Certified Mill Test Report
    - (None)
    - (None)

- **M&T 913 Report (Steel)**

Testing Requirements
- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/17/2017
Performed By: fdward
Check In: Removed FIR - Requirement from Structural Steel to None-fdw
### Poles, Metal

**General**
- **Group:** Steel  
- **Status:** Expired
- **How Received:** Material Receipt  
- **Version:** 2.02
- **Metric/English:** Both  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** Required  
  - **Inspection Type(s):** Structural Steel
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>○ M&amp;T ○ RE ○ Both</td>
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<tr>
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<td>○ M&amp;T ○ RE ○ Both</td>
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<tr>
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<tr>
<td>□ M&amp;T 913 Report (Steel)</td>
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</tbody>
</table>

**Testing Requirements**
- **Sample Comment:** No sample - accepted by certification
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Check In:** New MSG Groups 2013

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Comment:**
## Poles, Metal

### General

<table>
<thead>
<tr>
<th>Field</th>
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<th>To Date</th>
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<td>Metric/English</td>
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<td></td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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<th>Responsibility</th>
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<tr>
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<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>Sample/Test</td>
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<td>M &amp;T (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
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<tr>
<td>Field Inspection</td>
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<td></td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
<th>Action Date</th>
<th>Performed By</th>
<th>Check In</th>
<th>Comment</th>
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<tbody>
<tr>
<td>Sample Comment</td>
<td>No sample - accepted by certification</td>
<td>01/01/1999</td>
<td>rpace</td>
<td>Changed to coincide with new project certification</td>
<td>requires. rkp</td>
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</table>
Polyethylene Plastic Resin

General

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<th>Group</th>
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<td>01/01/1999</td>
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<td>Facility Type</td>
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<td>To Date</td>
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<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
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</table>

Methods of Acceptance

| Pretest    | N/A       |
| Alt ID Matching | (None)   |
| Sample/Test | Required  |
| Approved List | N/A      |
| Visual Inspection | N/A    |
| Catalog Cut | N/A      |
| Field Inspection | N/A    |
| Small Quantity | □        |
| Other Reports: |          |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Quality Assurance</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: One sample of resin for lot used

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Polyethylene Plastic Resin

## General
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 1.00
- **Metric/English:** Both
- **Facility Type:** Plastic Pipe
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

### Certification
- **Type:** Required
- **1: Certified Mill Test Report**
  - **Responsibility:** M&T
- **2: Typical Certified Mill Test Report**
  - **Responsibility:** M&T
- **M&T 913 Report (Steel)**

## Testing Requirements
- **Test Category:** Quality Assurance
- **Sample Frequency:** 10,000.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Lab

**Sample Comment:** One sample of resin for lot used

**Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*
### Polyethylene Plastic Resin

#### General
- **Group:** Miscellaneous
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 1.02
- **Metric/English:** Both
- **Facility Type:** Plastic Pipe
- **From Date:** 01/01/1999
- **Default Auth Lab:** Field Section
- **To Date:** 12/31/2075
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

#### Certification
- **Type:** Required
- **Responsibility:**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both
  - (None)
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both

  - M&T 913 Report (Steel)

#### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Quality Assurance | 10,000.00 | M&T Field | M&T Lab

#### Sample Comment:
- One sample of resin for lot used

#### Technician Certifications:
- (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013

**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**
Post & Block, Guardrail, Steel

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
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<tbody>
<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
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</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
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<tr>
<td>Approved List</td>
<td>Required</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Certification Type**

- **M&T**
- **RE**
- **Both**

**Responsibility**

- (None)
- M&T
- RE
- Both

<table>
<thead>
<tr>
<th>Field Section Miscellaneous Test - Version 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owning Lab</strong>: Field Section</td>
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<tr>
<td><strong>IA Type</strong>: None</td>
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<tr>
<td><strong>Metric/English Code</strong>: Both</td>
</tr>
<tr>
<td><strong>Sample/Test Remarks</strong>:</td>
</tr>
</tbody>
</table>

**Testing Requirements**

- **Sample Comment**: See Brand Certification Program for details.
- **Technician Certifications**: (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 06/29/2001  
**Performed By**: conv  
**Check In**: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Post & Block, Guardrail, Steel

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
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<tbody>
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<td>How Received</td>
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<td>Facility Type</td>
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<td>Field Section</td>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

Status: History

Version: 1.00

From Date: 05/16/1997

To Date: 12/11/1999

Methods of Acceptance

Pretest: Optional

Alt ID Matching: No Match

Sample/Test: Optional

Approved List: Required

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: Yes, If temporary less than 200 LF.

Other Reports: Brand Certification - Must come with Bill of Lading; Pay Adj Required

Testing Requirements

Sample Comment: See Brand Certification Program for details.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Post, Fence, Metal

#### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Notify M&T for Inspection; Prepayment Invoice Required; Pay Adj Required

#### Certification
- **Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - (None)

#### Testing Requirements
- **Sample Comment:**
  - **ENGLISH:** Two - 6 inch samples per shipment or 200-piece lot.
  - **METRIC:** Two - 150 mm samples per shipment or 200-piece lot.

#### Technician Certifications
- (None)

### Test Formats
1. **Fence Posts - Version 7**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Fence Posts (Metric) - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Vinyl Fence Posts - Version 7**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Test Formats

4. Vinyl Fence Posts (Metric) - Version 6

<table>
<thead>
<tr>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

Owning Lab: Chemical Lab

IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997

Performed By: twhillington

Check In: Archive data come from Minimum Sampling Guide on v3.0

Comment: Production db
North Carolina Department of Transportation
Minimum Sampling Guide

Post, Sign, Steel Beam

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 10/15/1997  To Date: 12/11/1999

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Galvanized Metals (Metric) - Version 5
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

3. Steel Alloy - Version 5
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Post, Sign, Steel Beam

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

#### Testing Requirements

**Sample Comment:**

- Technician Certifications: (None)

#### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Post, Sign, U-Channel

General

Group: Miscellaneous  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Both  From Date: 10/15/1997  To Date: 12/11/1999
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: N/A  Responsibility
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   Owners Lab: Chemical Lab  Metric/English Code: English
   IA Type: None  Sample/Test Remarks:
   Certification: 1: Certified Mill Test Report
   Responsibility: M&T RE Both
   (None) M&T RE Both
   (None) M&T RE Both
  ☐ M&T 913 Report (Steel)

2. Galvanized Metals (Metric) - Version 5
   Owners Lab: Chemical Lab  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Post, Sign, U-Channel

#### General
- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members  
- **Status:** History  
- **Version:** 1.00  
- **From Date:** 10/15/1997  
- **To Date:** 12/11/1999

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

#### Testing Requirements
- **Sample Comment:**
  - **Technician Certifications:** (None)

#### Test Formats
1. **Galvanized Metals (Metric)** - Version 5
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  

#### Certification
- **Type:** Required  
- **Responsibility:**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both

#### Comments
- **Archive data come from Minimum Sampling Guide on v3.0**
- **Action Date:** 10/15/1997  
- **Performed By:** fmoody  
- **Check In:** Archive data come from Minimum Sampling Guide on v3.0  
- **Comment:** Production db

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Post, Sign, U-Channel

General
Group: Miscellaneous
Status: History
How Received: Material Receipt
Version: 1.00
Metric/English: English
From Date: 10/15/1997
Facility Type: (None)
To Date: 12/11/1999
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: Required
Type
1: Certified Mill Test Report
(Non)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Galvanized Metals - Version 6
   Owner Lab: Chemical Lab
   Metric/English Code: English
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Post-Tensioning Materials

#### General
- **Group:** Miscellaneous
- **Status:** Correcting
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Domestic Steel Certification Required; Prepayment Invoice Required

#### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 100,000,000.00
- **Sampling Responsibility:** Project Personnel
- **Type:** M&T Lab
- **Certification:**
  - **Type:** Required
  - **Responsibility:**
    - M&T
    - RE
    - Both

### Test Formats
1. **Physical Lab Miscellaneous Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012
**Performed By:** dimiller
**Check In Comment:**
Post-Tensioning Materials

**General**
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** None
- **Other Reports:** Domestic Steel Certification Required; Prepayment Invoice Required

**Testing Requirements**
- **Certificate Type:** Required
- **Responsibility**
  - 1: Certified Mill Test Report
  - Buy America
  - (None)
- **Responsibility**
  - M&T
  - RE
  - Both

**Test Formats**
1. Physical Lab Miscellaneous Test - Version 4
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** New 2013 MSG
**Comment:**
**Post-Tensioning Materials**

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

**Status:** Expired  
**Version:** 2.01  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td>Domestic Steel Certification Required; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

**Test Category**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Frequency</td>
<td>100,000,000.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Project samples to be taken in accordance with Project Special Provisions.

**Technician Certifications:** (None)

**Test Formats**

1. Physical Lab Miscellaneous Test - Version 4

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>IA Type</td>
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</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Post-Tensioning Materials

#### General
- **Group:** Miscellaneous  
- **Status:** History  
- **Version:** 2.01  
- **From Date:** 04/16/2004  
- **To Date:** 09/23/2006

- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Domestic Steel Certification Required; Prepayment Invoice Required

#### Certification
- **Type:** Required  
- **Responsibility:**  
  - 1: Certified Mill Test Report  
    - M&T  
    - RE  
    - Both

#### Testing Requirements
- **Test Category:** Acceptance  
- **Sample Frequency:** Project Personnel  
- **Sampling Responsibility:** M&T Lab  
- **Testing Responsibility:**  
- **Project Comment:** Project samples to be taken in accordance with Project Special Provisions.

#### Technician Certifications
- (None)

#### Test Formats
1. Physical Lab Miscellaneous Test - Version 4
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Post-Tensioning Materials (Metric) - Changed Project Certification to Critical.
Post-Tensioning Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Status: History
Version: 1.01
From Date: 04/16/2004
To Date: 09/23/2006

Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M &amp; T</td>
<td>Both</td>
</tr>
<tr>
<td>RE</td>
<td>Both</td>
</tr>
<tr>
<td>Both</td>
<td>Both</td>
</tr>
</tbody>
</table>

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: N/A
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100,000,000.00 | Project Personnel | M&T Lab

Sample Comment:
Project samples to be taken in accordance with Project Special Provisions.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

Owing Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Post-Tensioning Materials (English) - Changed Project Certification to Critical
Comment: Certification to Critical.
Post-Tensioning Materials

General

Group: Miscellaneous

Status: History

How Received: Material Receipt

Version: 1.01

Metric/English: Both

From Date: 04/16/2004

To Date: 09/23/2006

Facility Type: (None)

Default Auth Lab: Physical Lab

Project Certification: Critical

MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Required

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: N/A

Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Certification: Required

Type

1: Certified Mill Test Report

Responsibility

M&T RE Both

M&T RE Both

M&T RE Both

M&T RE Both

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility

Acceptance 100,000,000.00 Project Personnel M&T Lab

Sample Comment: Project samples to be taken in accordance with Project Special Provisions.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

Owning Lab: Physical Lab

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Post-Tensioning Materials (Both) - Changed Project

Comment: Certification to Critical.
Post-Tensioning Materials

General

Group: Miscellaneous  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Both  From Date: 01/31/2003  To Date: 01/31/2003
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: Required  Responsibility
Approved List: N/A  1: Certified Mill Test Report
Visual Inspection: N/A  ○ M&T  ○ RE  ○ Both
Catalog Cut: N/A  (None)
Field Inspection: N/A  ○ M&T  ○ RE  ○ Both
Small Quantity: □  ○ M&T  ○ RE  ○ Both
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements

Test Category: Acceptance  Sample Frequency: 100,000,000.00  Sampling Responsibility: Project Personnel  Testing Responsibility: M&T Lab
Sample Comment: Project samples to be taken in accordance with Project Special Provisions.
Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

Owning Lab: Physical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Post-Tensioning Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  100,000,000.00  Project Personnel  M&T Lab

Sample Comment: Project samples to be taken in accordance with Project Special Provisions.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Post-Tensioning Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)

Responsibility

M&T
RE
Both

R913 Report (Steel)

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: N/A
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 Project Personnel M&T Lab

Sample Comment: Project samples to be taken in accordance with Project Special Provisions.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Post-Tensioning Materials (Metric) - Changed Project Certification to Critical.
## Post-Tensioning Materials

### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
<th>Status:</th>
<th>History</th>
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<tbody>
<tr>
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<td>01/31/2003 To Date:</td>
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<tr>
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<tr>
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<tr>
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<td>Structural Members</td>
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### Methods of Acceptance

<table>
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<tr>
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<td>1: Certified Mill Test Report</td>
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<tr>
<td>Visual Inspection:</td>
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<tr>
<td>Catalog Cut:</td>
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<tr>
<td>Field Inspection:</td>
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<td>Other Reports:</td>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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**Sample Comment:** Project samples to be taken in accordance with Project Special Provisions.

**Technician Certifications:** (None)

### Test Formats

1. **Physical Lab Miscellaneous Test** - Version 4

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Physical Lab</th>
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</thead>
<tbody>
<tr>
<td>IA Type:</td>
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</table>

   | Metric/English Code: | Both         |
   | Sample/Test Remarks: |             |
Post-Tensioning Materials

General
Group: Miscellaneous  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: Metric  From Date: 01/31/2003  To Date: 01/31/2003
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  100,000,000.00  Project Personnel  M&T Lab

Sample Comment:
Technician Certifications: (None)

Test Formats
1. Physical Lab Miscellaneous Test - Version 4
   
   **Owning Lab**: Physical Lab
   **IA Type**: None
   **Metric/English Code**: Both
   **Sample/Test Remarks**: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/31/2003  Performed By: twhillington
Check In: New Material Type for Wilmington Bypass Job.
Comment:
### Post-Tensioning Materials

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members
- **Status:** History
- **Version:** 1.00
- **From Date:** 01/31/2003
- **To Date:** 01/31/2003

#### Methods of Acceptance

<table>
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<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
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<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
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<tbody>
<tr>
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#### Testing Requirements

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>100,000,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Certification
- **Type:** Required
- **Responsibility:**
  - 1: Certified Mill Test Report
  - (None)

#### Test Formats

1. **Physical Lab Miscellaneous Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/31/2003  
**Performed By:** twittington  
**Check In:** New Material Type for Wilmington Bypass job  
**Comment:**  

---
Post-Tensioning Materials

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 Project Personnel M&T Lab

Sample Comment: Project samples to be taken in accordance with Project Special Provisions.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Post-Tensioning Materials

### General

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### Methods of Acceptance

<table>
<thead>
<tr>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
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- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
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**Sample Comment:** Project samples to be taken in accordance with Project Special Provisions.

**Technician Certifications:** (None)

### Test Formats

1. Physical Lab Miscellaneous Test - Version 4

   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013       Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Post-Tensioning Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: Required

Responsibility
1: Certified Mill Test Report
(None)
(None)

☐ Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 Project Personnel M&T Lab

Sample Comment: Project samples to be taken in accordance with Project Special Provisions.

Technician Certifications: (None)

Test Formats

1. Physical Lab Miscellaneous Test - Version 4

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Post-Tensioning Materials (Both) - Changed Project Certification to Critical.
## Pozzolans

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<td>Metric/English</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

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### Testing Requirements

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<td>Acceptance</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

| Sample Comment                          | One - 1 quart sample per each 500 cubic yards of concrete. |

### Technician Certifications

<table>
<thead>
<tr>
<th>Technician Certifications</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
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</tr>
</tbody>
</table>

### Test Formats

1. **Flyash Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Ground Granulated Blast Furnace Slag Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Pozzolan Materials - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Pozzolans

### General

<table>
<thead>
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### Methods of Acceptance

<table>
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<tr>
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<td>Visual Inspection</td>
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### Testing Requirements

<table>
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<tbody>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</table>

### Sample Comment

One - 1 liter sample per each 400 cubic meters of concrete.

### Technician Certifications

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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</thead>
<tbody>
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</tbody>
</table>

### Test Formats

1. **Flyash Test - Version 4**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

2. **Ground Granulated Blast Furnace Slag Test (Metric) - Version 2**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: 

3. **Pozzolan Materials - Version 8**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012

Performed By: dimiller

Check In

Comment:
Pozzolans

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: Pozzolans
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Certification: Required
Type
Responsibility
5: Typical Certified Test Reports
(Required)
(Required)
M&T ○ RE ○ Both
M&T ○ RE ○ Both
M&T ○ RE ○ Both

M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 400.00 | M&T Lab | M&T Lab

Sample Comment: One - 1 liter sample per each 400 cubic meters of concrete.

Technician Certifications: (None)

Test Formats

1. Flyash Test - Version 4

   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

2. Ground Granulated Blast Furnace Slag Test (Metric) - Version 2

   Owning Lab: Physical Lab
   IA Type: None

   Metric/English Code: Metric
   Sample/Test Remarks:

3. Pozzolan Materials - Version 8

   Owning Lab: Chemical Lab
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Pozzolans

**General**

<table>
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<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
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<td>Material Receipt</td>
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**Status:** History  
**Version:** 1.00  
**From Date:** 07/22/1998  
**To Date:** 12/11/1999

#### Methods of Acceptance

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#### Certification

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<tr>
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<td>M&amp;T RE Both</td>
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#### Testing Requirements

**Sample Comment:** One - 1 liter sample per each 400 cubic meters of concrete.

**Technician Certifications:** (None)

#### Test Formats

1. **Flyash Test - Version 4**  
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Ground Granulated Blast Furnace Slag Test (Metric) - Version 2**  
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

3. **Pozzolan Materials - Version 8**  
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 07/22/1998  
Performed By: rpace  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db*
Pozzolans

General

Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 2.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Pozzolans
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
<td>500.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: One - 1 quart sample per each 500 cubic yards of concrete.

Technician Certifications: (None)

Test Formats

1. Flyash Test - Version 4
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Ground Granulated Blast Furnace Slag Test - Version 3
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - Metric/English Code: English
   - Sample/Test Remarks:

3. Pozzolan Materials - Version 8
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: v5conv
Check In  Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
North Carolina Department of Transportation
Minimum Sampling Guide

**Pozzolans**

**General**

<table>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<td>Project Certification</td>
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<td>MSG Responsibility</td>
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**Methods of Acceptance**

<table>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
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<td>Other Reports</td>
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**Certification**

<table>
<thead>
<tr>
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<tr>
<td>5: Typical Certified Test Reports</td>
<td>M&amp;T RE Both</td>
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</table>

**Sample/Test Remarks:**

- ☐ M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>One - 1 quart sample per each 500 cubic yards of concrete.</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

**Test Formats**

1. **Flyash Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Ground Granulated Blast Furnace Slag Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Pozzolan Materials - Version 8**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/22/1998 **Performed By:** rpace

**Check In:** Archive data come from Minimun Sampling Guide on v3.0 **Comment:** Production db
Pozzolans

General
Group: Cementitious Matl. Status: Current
How Received: Material Receipt
Metric/English: English
Facility Type: Pozzolans
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 500.00 M&T Lab M&T Lab
Sample Comment: One - 1 quart sample per each 500 cubic yards of concrete.

Technician Certifications: (None)

Test Formats
1. Flyash Test - Version 4
   - Owning Lab: Physical Lab
     - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Ground Granulated Blast Furnace Slag Test - Version 3
   - Owning Lab: Physical Lab
     - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

3. Pozzolan Materials - Version 8
   - Owning Lab: Chemical Lab
     - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/20/2013
Performed By: rpace
Check In: New 2012 MSG
Comment:
Precast Concrete Barrier

General
- **Group:** Precast
- **Status:** Current
- **Version:** 1.00
- **From Date:** 04/10/2013
- **To Date:** 12/31/2075

**Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A
- **Type:**
  - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

**Inspection Type(s):** Precast Concrete

Small Quantity: ☐

Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)
PreCast Concrete Culverts

General
- Group: PreCast
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: PreCast Concrete
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: Match Alt ID/Match from Sample
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: Required

Certification
- Type: N/A
- Responsibility: (None)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Action Date: 03/24/2011
Performed By: rpace
Check In: New Version
Comment:
**Precast Concrete Culverts End Treatments**

**General**
- **Group:** Precast
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 1.01
- **Metric/English:** Both
- **From Date:** 04/10/2013
- **To Date:** 12/31/2075
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Precast Concrete

**Testing Requirements**
- **Test Category:** Pretest
  - **Sample Frequency:** 1.00
  - **Sampling Responsibility:** M&T Field
  - **Testing Responsibility:** M&T Field
  - **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Certification:** N/A
- **Type:** M &T 913 Report (Steel)
- **Responsibility:**
  - (None)

**Check In:** Added "end treatments to title

**Comment:**

**Action Date:** 04/10/2013
**Performed By:** rpace
Precast Concrete Culverts End Treatments

General

<table>
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<td>Metric/English:</td>
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<td>Facility Type:</td>
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<td>Default Auth Lab:</td>
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From Date: 04/10/2013
To Date: 12/31/2075

Methods of Acceptance

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<td>Visual Inspection:</td>
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<td>Catalog Cut:</td>
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Inspection Type(s): Precast Concrete

Testing Requirements

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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Action Date: 04/10/2013
Performed By: rpace
Check In: New MSG 2012
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Precast Concrete Drainage Structures

General

- Group: Precast
- Status: Current
- How Received: Material Receipt
- Version: 1.00
- Metric/English: Both
- Facility Type: Precast Concrete
- From Date: 04/10/2013
- To Date: 12/31/2075
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: Match Alt ID/Match from Sample
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: Required
- Small Quantity: 
  - Inspection Type(s): Precast Concrete
- Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

- Test Category: Verification
  - Sample Frequency: 1.00
  - Sampling Responsibility: M&T Field
  - Testing Responsibility: M&T Field
  - Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Certification: N/A

- Responsibility
  - Type

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<thead>
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<th>Type</th>
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<tr>
<td>M&amp;T 913 Report (Steel)</td>
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</table>
Precast Concrete Manholes

General

Group: Precast  
Status: Current

How Received: Material Receipt  
Version: 1.00

Metric/English: Both  
From Date: 04/10/2013  
To Date: 12/31/2075

Facility Type: Precast Concrete  
Project Certification: Critical

Default Auth Lab: Field Section  
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required  
Certification: N/A

Alt ID Matching: Match Alt ID/Match from Sample  
Type: M &T

Sample/Test: N/A  
Responsibility (None)

Approved List: N/A  
Catalog Cut: N/A

Visual Inspection: Required  
Field Inspection: Required

Small Quantity:  
Inspection Type(s): Precast Concrete

Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

Test Category  
Verification  
Sample Frequency: 1.00  
Sampling Responsibility: M&T Field  
Testing Responsibility: M&T Field

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Action Date: 04/10/2013  
Performed By: rpace

Check In: New MSG 2012 Percast
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Precast Concrete Reinforced Box Culvert

General

<table>
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<tr>
<th>Group:</th>
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Methods of Acceptance

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<tr>
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<td>Catalog Cut:</td>
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<td>M&amp;T 913 Report (Steel)</td>
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Inspection Type(s): Precast Concrete

Small Quantity:

Other Reports:
Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment:
1 set of cylinders per day of operations, per strength requirements.

Technician Certifications:
(None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Precast Concrete Reinforced Box Culvert

General
Group: Concrete
Status: Expired
How Received: Material Receipt
Version: 2.01
Metric/English: Both
From Date: 01/01/1999
To Date: 12/31/2075
Facility Type: Precast Concrete

Methods of Acceptance
Pretest: Required
Certification: N/A
Responsibility: (None)
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Precast Concrete

Other Reports:
- Daily Plant Inspector's Report
- Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Pretest | 1.00 | M&T Field | M&T Field

Sample Comment:
- 1 set of cylinders per day of operations, per strength requirements.
- For precast culverts, one set of cylinders per day per project

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Precast Concrete Reinforced Box Culvert**

**General**
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** Precast Concrete  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section  
- **Status:** History  
- **Version:** 1.01  
- **From Date:** 05/01/2002  
- **To Date:** 09/23/2006

**Methods of Acceptance**
- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  
- **Small Quantity:**  
- **Other Reports:** Daily Plant Inspector's Report; Prepayment Invoice Required

**Certification:** N/A  

**Responsibility**
- (None)  
- (None)  
- (None)  

- M&T 913 Report (Steel)

**Testing Requirements**
- **Test Category:** Pretest  
- **Sample Frequency:** 1.00  
- **Sampling Responsibility:** M&T Field  
- **Testing Responsibility:** M&T Field  

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

**Owning Lab:** Field Section  
**IA Type:** None  
**Metric/English Code:** Both

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
# Precast Concrete Reinforced Box Culvert

## General
- **Group:** Precast
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Status:** Current  
**Version:** 2.03  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

## Methods of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** Match Alt ID/Match from Sample  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  

### Certification
- **N/A**  
- **Type**  
- **Responsibility**
  - M&T
  - RE
  - Both
  - (None)

### Other Reports
- Daily Plant Inspector's Report; Prepayment Invoice Required

## Testing Requirements

### Test Category  
- **Sample Frequency:** 1.00  
- **Sampling Responsibility:** M&T Field  
- **Testing Responsibility:** M&T Field

### Sample Comment
- 1 set of cylinders per day of operations, per strength requirements.

### Technician Certifications
- (None)

## Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   
   **Owning Lab:** Field Section  
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**
Precast Concrete Reinforced Box Culvert

**General**
- **Group:** Concrete  
- **Status:** Expired  
- **How Received:** Material Receipt  
- **Version:** 2.00  
- **Metric/English:** Both  
- **Facility Type:** Precast Concrete  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** N/A  
- **Approve List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  
- **Inspection Type(s):** Precast Concrete  
- **Sample/Test Remarks:** N/A

**Testing Requirements**
- **Test Category**
  - **Sample Frequency:** 1.00
  - **Sampling Responsibility:** M&T Field
- **Responsibility**
  - M&T  
  - RE  
  - Both
- **Sample Comment:**
  - 1 set of cylinders per day of operations, per strength requirements.
  - For precast culverts, one set of cylinders per day per project
- **Certification:** N/A
  - Type: M&T 913 Report (Steel)
  - Responsibility: M&T Field

**Test Formats**
- **1. Field Section Miscellaneous Test - Version 3**
  - **Owning Lab:** Field Section
  - **IA Type:** None
  - **Metric/English Code:** Both
  - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** sqa14340  
**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.

**Comment:** FIRM Type for version 5.0 conversion.
Precast Concrete Reinforced Box Culvert

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>1.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
<td>From Date:</td>
<td>01/06/2000</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Precast Concrete</td>
<td>To Date:</td>
<td>01/21/2000</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Required</th>
<th>Certification:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>Optional</td>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
<td>M &amp;T 913 Report (Steel)</td>
<td></td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Daily Plant Inspector's Report; Prepayment Invoice Required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment: 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2000
Performed By: thjones
Check In: Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
Precast Concrete Units - C1

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: Expired
Version: 6.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Precast Concrete

Certification: N/A
Type

Responsibility
(Both)
M&T RE (None)

 och
\[ M&T 913 \text{ Report (Steel)} \]

Small Quantity:
Other Reports:
Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 1.00 M&T Field M&T Field

Sample Comment:
1 set of cylinders per day of operations, per strength requirements.

Technician Certifications:

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
## Precast Concrete Units - C1

### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 6.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Field Section:** Precast Concrete
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Precast Concrete

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
1 set of cylinders per day of operations, per strength requirements.
For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** rpace

**Check In:** changed PRECAST alt id to match - alt id required no match.

**Comment:** match.
## Precast Concrete Units - C1

### General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Status:** History  
**Version:** 5.00  
**From Date:** 10/03/2005  
**To Date:** 10/03/2005

### Methods of Acceptance

- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  

**Inspection Type(s):** Precast Concrete

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

### Test Formats

1. Field Section Miscellaneous Test - Version 3

   - **Owning Lab:** Field Section  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/03/2005  
**Performed By:** fmoody  
**Check In:** Precast Concrete Units (Both) changed Default Authorizing  
**Comment:** Lab to Field Section.
**Precast Concrete Units - C1**

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Precast Concrete</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

**Status:** History  
**Version:** 4.00  
**From Date:** 04/08/2003  
**To Date:** 04/08/2003

**Methods of Acceptance**

- **Pretest:** Required  
- **Alt ID Matching:** Match Alt ID/Match from Sample  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** N/A  

**Field Inspection:** Required  
**Inspection Type(s):** Precast Concrete

**Small Quantity:**  
**Other Reports:** Daily Plant Inspector's Report

**Certification:** N/A  
**Responsibility:** N/A

- **Type:** M & T  
- **RE:** M & T  
- **Both:** M & T

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**  
For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**

**Owning Lab:** Field Section  
**IA Type:** None

**Metric/English Code:** Both  
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/08/2003  
**Performed By:** rpace  
**Check In:** changed pretest match code from no match to match from sample  
**Comment:** sample
Precast Concrete Units - C1

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Precast Concrete

Certification: N/A
Type
Responsibility
(None)
(None)
(None)
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

Sample/Test Remarks: None
IA Type:
Owning Lab: Field Section
IA Type: None

Testing Requirements

Sample Comment:
1 set of cylinders per day of operations, per strength requirements.
For precast culverts, one set of cylinders per day per project

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Precast Concrete Units - C1

General

Group: Concrete  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Both  From Date: 01/06/2000  To Date: 01/21/2000
Facility Type: Precast Concrete
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Daily Plant Inspector's Report

Testing Requirements

Sample Comment: 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2000  Performed By: dgreene
Check In: Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
**Precast Concrete Units - C1**

### General
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Both
- **From Date:** 08/11/1998
- **To Date:** 12/11/1999
- **Field Section:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** M & T
- **Small Quantity:** N/A
- **Other Reports:** Daily Plant Inspector's Report; Prepayment Invoice Required

### Certification
- **Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

### Testing Requirements
- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project.

### Technician Certifications
- **(None)**

### Test Formats
1. Field Section Miscellaneous Test - Version 3
   - **Owning Lab:** Field Section
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/11/1998  
**Performed By:** rpace

**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
## Precast Concrete Units - C1

### General
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** Precast Concrete  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section  
- **Status:** Expired  
- **Version:** 6.01  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Pretest:** Required  
**Alt ID Matching:** Match Alt ID/Match from Sample  
**Sample/Test:** N/A  
**Approved List:** N/A  
**Visual Inspection:** Optional  
**Catalog Cut:** N/A  
**Field Inspection:** Required  
**Small Quantity:**  
**Other Reports:** Daily Plant Inspector's Report  

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Certification:** N/A  
- **Type:**  
- **Responsibility:** M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project  
- **Technician Certifications:** (None)

### Test Formats

1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Section</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace  
**Check In Comment:** Changed Alt Id From No Match to Match From Sample
# Precast Concrete Units - C1

## General
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 5.01
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **From Date:** 04/03/2006
- **To Date:** 09/23/2006
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

## Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:**
- **Other Reports:** Daily Plant Inspector's Report

## Certification
<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

## Testing Requirements
- **Test Category**
- **Sample Frequency**
- **Sampling Responsibility**
- **Testing Responsibility**

## Sample Comment:
1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project.

## Technician Certifications:
- **(None)**

## Test Formats
1. Field Section Miscellaneous Test - Version 3

## Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** changed PRECAST alt id to match - alt id required no match.
North Carolina Department of Transportation
Minimum Sampling Guide

Precast Concrete Units - C2

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section
Status: Expired
Version: 4.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Precast Concrete
Type
Certification: N/A
Responsibility
(M&T) M&T RE Both
(Both) M&T RE Both
(M&T) M&T RE Both

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  999,999.00  M&T Lab  M&T Lab

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
For precast culverts, one set of cylinders per day per project
Test Formats
1. Field Section Miscellaneous Test  -  Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: rpace
Check In: changed RCP alt id to match - alt id required no match.
Comment:
Precast Concrete Units - C2

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 3.00
From Date: 04/08/2003 To Date: 04/08/2003

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Type
Responsibility
(None)
M&T
RE
Both
RE
Both
M&T
(Both)

Inspection Type(s): Precast Concrete

Small Quantity: 
Other Reports: Daily Plant Inspector's Report

Testing Requirements
Test Category: Pretest
Sample Frequency: 999,999.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Lab

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
For precast culverts, one set of cylinders per day per project

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/08/2003
Performed By: rpace
Check In: changed pretest match code from no match to match from sample
Comment: 
### Precast Concrete Units - C2

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

#### Certification
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

- **Certification:** M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project
- **Technician Certifications:** (None)

#### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **Metric/English Code:** Both
   - **IA Type:** None

#### Notes
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 06/29/2001  
**Performed By:** conv  
**Check In:** Setting the new FIR code to Required and Specifying the  
**Comment:** FIR Type for version 5.0 conversion.
Precast Concrete Units - C2

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 01/06/2000 To Date: 01/21/2000

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Daily Plant Inspector's Report

Testing Requirements

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
For precast culverts, one set of cylinders per day per project

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Type
(Nothing)
(Nothing)
(Nothing)

Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Precast Concrete Units - C2

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Status: Expired
Version: 4.02
From Date: 01/01/1999
To Date: 12/31/2075
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Precast Concrete

Testing Requirements
Test Category          Sample Frequency     Sampling Responsibility     Testing Responsibility
Pretest                999,999.00             M&T Lab                     M&T Lab
Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Ownng Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Certification Type
N/A
Responsibility
M&T  RE  Both
(Nonde)
(Nonde)
(Nonde)

M&T 913 Report (Steel)
# Precast Concrete Units - C2

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Precast Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match, Alt ID Required</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Optional</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Daily Plant Inspector's Report</td>
</tr>
</tbody>
</table>

## Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td></td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

## Test Formats

1. Field Section Miscellaneous Test - Version 3

   **Owning Lab:** Field Section  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** changed RCP alt id to match - alt id required no match.  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Precast Concrete Units - C2

General
- Group: Concrete
- Status: Expired
- How Received: Material Receipt
- Version: 4.01
- Metric/English: English
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: Precast Concrete
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: Match Alt ID/Match from Sample
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: Required

Certification:
- N/A
- Type
- Responsibility
- (None)
- (None)
- (None)
- M&T 913 Report (Steel)
- M&T
- RE
- Both
- M&T
- RE
- Both
- M&T
- RE
- Both

Testing Requirements
- Test Category: Pretest
- Sample Frequency: 999,999.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Lab
- Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
- For precast culverts, one set of cylinders per day per project
- Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
- Owning Lab: Field Section
- IA Type: None
- Metric/English Code: Both
- Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Precast Concrete Units - C3

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Precast Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

## Status

- **Status:** Correcting
- **Version:** 4.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>Match Alt ID/Match from Sample</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>

**Inspection Type(s):** Precast Concrete

## Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Category</td>
<td>Pretest</td>
</tr>
<tr>
<td>Sample Frequency</td>
<td>999,999.00</td>
</tr>
<tr>
<td>Sampling Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

## Test Formats

1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
</tbody>
</table>

**Metric/English Code:** Both

**Sample/Test Remarks:**
### Precast Concrete Units - C3

#### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required  
  **Inspection Type(s):** Precast Concrete
- **Small Quantity:** □
- **Other Reports:** Daily Plant Inspector's Report

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
1. Set of cylinders per day of operations, per strength requirements.  
   For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

#### Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Precast Concrete Units - C3

### General
- **Group:** Concrete  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Precast Concrete  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Critical  
- **MSG Responsibility:** Field Section  

### Methods of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** Match Alt ID/Match from Sample  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Sample/Test Remarks:** M&T 913 Report (Steel)

### Testing Requirements
- **Test Category:** Pretest  
- **Sample Frequency:** 999,999.00  
- **Sampling Responsibility:** M&T Lab  
- **Testing Responsibility:** M&T Lab  

### Test Formats
1. Field Section Miscellaneous Test - Version 3

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Section</td>
<td>Both</td>
<td>changed metric prestress to match/match from sample</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Precast Concrete Units - C3

### General
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Metric
- **Facility Type:** Precast Concrete
- **From Date:** 06/29/2001
- **To Date:** 06/29/2001
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Inspection Type(s):** Precast Concrete
- **Small Quantity:**
- **Other Reports:** Daily Plant Inspector's Report

### Testing Requirements
- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/29/2001  **Performed By:** conv

**Check In:** Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
Precast Concrete Units - C3

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 01/06/2000
To Date: 01/21/2000

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports: Daily Plant Inspector's Report

Testing Requirements
Sample Comment: 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project.

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   
   Ownering Lab: Field Section  
   Metric/English Code: Both  
   IA Type: None  
   Sample/Test Remarks:

Certification: N/A
   Type
   Responsibility
   (None) M&T RE Both
   (None) M&T RE Both
   (None) M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2000
Performed By: thjones
Check In: Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
## Precast Concrete Units - C3

### General

- **Group:** Concrete
- **Status:** Current
- **Version:** 4.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Required/Large</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
<td>Match Alt ID/Match from Sample</td>
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<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
<td>Required</td>
<td></td>
<td>Daily Plant Inspector's Report</td>
</tr>
</tbody>
</table>

### Certification and Responsibility

- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements. For precast culverts, one set of cylinders per day per project.
- **Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace

**Check In:** Changed Alt Id From No Match to Match From Sample

**Comment:**
**Precast Concrete Units - C3**

**General**
- **Group:** Concrete
- **Material Receipt:**
- **Metric/English:** Metric
- **Precast Concrete**
- **Field Section**
- **Critical**
- **Field Section**
- **From Date:** 04/03/2006
- **To Date:** 09/23/2006
- **History**

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:**
- **Other Reports:** Daily Plant Inspector's Report

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Responsibility**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- 1 set of cylinders per day of operations, per strength requirements.
- For precast culverts, one set of cylinders per day per project

**Technician Certifications:** (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** changed RCP alt id to match - alt id required no match.

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Precast Concrete Units - P1

General

Group: Precast
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Responsibility

<table>
<thead>
<tr>
<th>Type</th>
<th>M&amp;T</th>
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<th>Both</th>
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</thead>
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<td>O</td>
<td>O</td>
</tr>
<tr>
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<td>O</td>
</tr>
<tr>
<td>(None)</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

Field Inspection Type(s): Precast Concrete

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 1.00 | M&T Field | M&T Field

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Owning Lab: Field Section
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

   Action Date: 06/23/2016
   Performed By: rpace
   Check In: don't know why
   Comment:
## Precast Concrete Units - P1

### General

- **Group:** Precast
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 6.04
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **From Date:** 01/01/1999
- **To Date:** 04/12/2013
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>Match Alt ID/Match from Sample</td>
<td>N/A</td>
<td>N/A</td>
<td>Required</td>
<td>N/A</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Certification:** N/A

**Responsibility**

- M&T
- RE
- Both

- (None)

**Test Category:** Miscellaneous Test - Version 3

**IA Type:** None

**Metric/English Code:** Both

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

   **Owning Lab:** Field Section
   **IA Type:** None

   **Metric/English Code:** Both

   **Sample/Test Remarks:**

---

**Action Date:** 08/19/2014  
**Performed By:** rpace

**Check In:**  
**Comment:** 
Precast Concrete Units - P1

General

Group: Precast  Status: Expired
How Received: Material Receipt  Version: 6.03
Metric/English: Both  From Date: 01/01/1999  To Date: 04/12/2013
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Precast Concrete
Small Quantity:  
Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   Owning Lab: Field Section
   IA Type: None

   Metric/English Code: Both
   Sample/Test Remarks:

Action Date: 02/27/2013  Performed By: rpace
Check In: New MSG Groups 2013; [ARCHIVE] created new
Comment:
## Precast Concrete Units - P2

### General
- **Group:** Precast
- **Status:** Archive
- **How Received:** Material Receipt
- **Version:** 4.03
- **Metric/English:** English
- **From Date:** 01/01/1999
- **Facility Type:** Precast Concrete
- **To Date:** 04/12/2013
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification**
- **Type:** N/A
- **Responsibility:**
  - (None)

**Sample/Test Remarks:**
- Field Section Miscellaneous Test - Version 3
- Metric/English Code: Both
- Sample/Test Remarks:

### Testing Requirements
- **Test Category:** Pretest
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.
- **Technician Certifications:** None

### Test Formats
1. Field Section Miscellaneous Test - Version 3

**Owning Lab:** Field Section

**IA Type:** None

**Action Date:** 02/28/2013

**Performed By:** rpace

**Check In:** New MSG 2013; [ARCHIVE] created new

**Comment:**
Precast Concrete Walls and Panels

General
Group: Precast
Status: Current
How Received: Material Receipt
Version: 1.00
Metric/English: Both
From Date: 04/10/2013
To Date: 12/31/2075

Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

Type
(M&T) (RE) (Both)
(None) (None) (None)

Inspection Type(s): Precast Concrete

Sample Comment:
1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)
Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Prestressed Concrete</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Structural Members - Prestress</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

From Date: 01/01/1999    To Date: 03/19/2007

Methods of Acceptance

| Pretest:       | Required |
| Alt ID Matching: | No Match, Alt ID Required |
| Sample/Test:   | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut:   | N/A |
| Field Inspection: | N/A |

Small Quantity: 
Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested, M&T samples only

Sample/Test Remarks: N/A

Technician Certification: (None)

Test Formats

1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. PreStress Lab Miscellaneous Test - Version 3
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999    Performed By: dgreene
Check In: Temporary Change Until Alternate ID Format Revised - cdg
Comment:
## Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Version</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. STANDARD PRESTRESSED CONCRETE TEST - Version 1</td>
<td></td>
<td>Metric</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Structural Members - Prestress</td>
<td></td>
<td><strong>IA Type:</strong> None</td>
<td><strong>Metric/English Code:</strong> Metric</td>
</tr>
<tr>
<td>5. STANDARD PRESTRESSED CONCRETE TEST - Version 1</td>
<td></td>
<td>English</td>
<td></td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Structural Members - Prestress</td>
<td></td>
<td><strong>IA Type:</strong> None</td>
<td><strong>Metric/English Code:</strong> English</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 5.00
From Date: 09/04/2002 To Date: 09/04/2002

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  □
Other Reports: Must be stamped “NC DOT Approved”; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 999,999.00 M&T Lab M&T Lab
Sample Comment: Pre-tested  M&T samples only
Technician Certifications:  (None)

Test Formats
1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   Ownership Lab: Structural Members - Prestress  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   Ownership Lab: Structural Members - Prestress  Metric/English Code: English
   IA Type: None  Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   Ownership Lab: Structural Members - Prestress  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/04/2002  Performed By: dgreene
Check In: Added Must be stamped “NC DOT Approved”
Comment:
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. STANDARD PRESTRESSED CONCRETE TEST - Version 1</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Structural Members - Prestress</td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
</tr>
</tbody>
</table>

| 5. STANDARD PRESTRESSED CONCRETE TEST - Version 1 |
| **Owning Lab:** Structural Members - Prestress | **Metric/English Code:** English |
| **IA Type:** None | **Sample/Test Remarks:** |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Status:** History
**Version:** 4.00
**From Date:** 09/03/2002  **To Date:** 09/03/2002

Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required

Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** Pre-tested M&T samples only
- **Technician Certifications:** (None)

Test Formats
1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

**4. STANDARD PRESTRESSED CONCRETE TEST - Version 1**

- **Owning Lab:** Structural Members - Prestress
- **IA Type:** None
- **Metric/English Code:** Metric
- **Sample/Test Remarks:** None

**5. STANDARD PRESTRESSED CONCRETE TEST - Version 1**

- **Owning Lab:** Structural Members - Prestress
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:** None

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 09/03/2002  Performed By: dgreene*

*Check In: remove required fir, change match alt id to sample*

*Comment:*
Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 3.00
From Date: 06/29/2001 To Date: 06/29/2001

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Precast Concrete

Testing Requirements
Sample Comment: Pre-tested M&T samples only
Technician Certifications: (None)

Test Formats
1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   
   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

4.  STANDARD PRESTRESSED CONCRETE TEST  -  Version 1
   
   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** Metric

5.  STANDARD PRESTRESSED CONCRETE TEST  -  Version 1
   
   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** English

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001  
Performed By: conv

Check In: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
## Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

### General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Structural Members - Prestress
- Project Certification: Critical
- MSG Responsibility: Structural Members

### Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required

### Certification
- Type: N/A
- Responsibility: (None) M&T RE Both

### Testing Requirements
- Sample Comment: Pre-tested M&T samples only
- Technician Certifications: (None)

### Test Formats
1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - Owning Lab: Structural Members - Prestress
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - Owning Lab: Structural Members - Prestress
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

3. **PreStress Lab Miscellaneous Test - Version 3**
   - Owning Lab: Structural Members - Prestress
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/12/2000  
**Performed By:** dgreene  
**Check In:** Removed by TWW to eliminate need for GR Test Results  
**Comment:** to be entered.
## Test Formats

4. STANDARD PRESTRESSED CONCRETE TEST - Version 1  
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:** None

5. STANDARD PRESTRESSED CONCRETE TEST - Version 1  
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/12/2000  
**Performed By:** dgreene  
**Check In** Removed by TWW to eliminate need for GR Test Results  
**Comment:** to be entered.
Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 01/06/2000
To Date: 01/21/2000

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: N/A
Type
Responsibility
(None) M&T RE Both
(None) M&T RE Both
(None) M&T RE Both

Sample/Test Remarks: M&T 913 Report (Steel)

Testing Requirements
Sample Comment: Pre-tested M&T samples only
Technician Certifications: (None)

Test Formats
1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2000
Performed By: thjones
Check In: Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
## Test Formats

### 4. STANDARD PRESTRESSED CONCRETE TEST - Version 1

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab: Structural Members - Prestress</td>
<td>Metric</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 5. STANDARD PRESTRESSED CONCRETE TEST - Version 1

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab: Structural Members - Prestress</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2000  
**Performed By:** thjones

**Check In:** Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

General

Group: Concrete

Status: Expired

Version: 7.01

From Date: 03/20/2007

To Date: 12/31/2075

How Received: Material Receipt

Metric/English: Both

Facility Type: Prestressed Concrete

Default Auth Lab: Structural Members - Prestress

Project Certification: Critical

MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required

Alt ID Matching: Match Alt ID/Match from Sample

Sample/Test: N/A

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: Required

Inspection Type(s): Prestressed Concrete

Small Quantity: ☐

Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Certification: N/A

Responsibility:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
</tr>
</tbody>
</table>

| N/A | M&T 913 Report (Steel) |

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility

Acceptance | 999,999.00 | M&T Lab | M&T Lab

Sample Comment: Pre-tested M&T samples only

Technician Certifications: (None)

Test Formats

1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1

   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: None
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1

   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3

   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009

Performed By: rpace

Check In: Changed Alt Id From No Match to Match From Sample

Comment:
### Test Formats

4. **STANDARD PRESTRESSED CONCRETE TEST - Version 1**

   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** Metric

5. **STANDARD PRESTRESSED CONCRETE TEST - Version 1**

   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace  
**Check In** Changed Alt Id From No Match to Match From Sample  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Precast/Prestressed Concrete Box Culvert, Crown Span 3-Sided

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>7.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>03/20/2007</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Prestressed Concrete</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
<th>Certification</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match, Alt ID Required</td>
<td>Type</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
<td>Responsibility</td>
<td>Both</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td></td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td></td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
<td>Inspection Type(s):</td>
<td>Prestressed Concrete</td>
</tr>
</tbody>
</table>

**Small Quantity:**

- Must be stamped "NC DOT Approved"; Prepayment Invoice Required

**Other Reports:**

- Other Reports: None

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Sample Comment</td>
<td>Pre-tested</td>
<td>M&amp;T samples only</td>
<td></td>
</tr>
</tbody>
</table>

**Technician Certifications:**

- (None)

**Test Formats**

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**

   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**

   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **PreStress Lab Miscellaneous Test - Version 3**

   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/19/2007
**Performed By:** fmoody
**Check In:** Assigned Prestressed Field Inspection Report (FIR) to material.
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. STANDARD PRESTRESSED CONCRETE TEST - Version 1</td>
<td>Metric</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Structural Members - Prestress</td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
</tr>
<tr>
<td><strong>Sample/Test Remarks:</strong></td>
<td></td>
</tr>
<tr>
<td>5. STANDARD PRESTRESSED CONCRETE TEST - Version 1</td>
<td>English</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Structural Members - Prestress</td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
</tr>
<tr>
<td><strong>Sample/Test Remarks:</strong></td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/19/2007
Performed By: fmoody
Check In: Assigned Prestressed Field Inspection Report (FIR) to material.
Prestressed Concrete BMD Bent Caps

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: None
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Archive
Version: 4.00
From Date: 01/01/1999
To Date: 03/19/2007

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 999,999.00 | M&T Lab | M&T Lab

Sample Comment: Pre-tested - M&T samples only
Technician Certifications: None

Test Formats

1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Ownership Lab: Structural Members - Prestress
   Material: Metric
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Ownership Lab: Structural Members - Prestress
   Material: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   
   Ownership Lab: Structural Members - Prestress
   Material: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: rpace
Check In: Changed to coincide with new project certification
Comment: requirements. rkp
## Test Formats

4. STANDARD PRESTRESSED CONCRETE TEST - Version 1

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural Members - Prestress</td>
<td>English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IA Type</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>
Prestressed Concrete BMD Bent Caps

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Prestress
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 3.00
From Date: 06/12/2000
To Date: 06/20/2000

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: "X"
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Test Formats
1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   Owner Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:
### Test Formats

<table>
<thead>
<tr>
<th>Test Format</th>
<th>Version</th>
<th>Owner Lab</th>
<th>Metric/English Code</th>
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<tr>
<td>4. STANDARD PRESTRESSED CONCRETE TEST</td>
<td>1</td>
<td>Structural Members - Prestress</td>
<td>English</td>
<td>None</td>
</tr>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/12/2000  
**Performed By:** dgreene  
**Comment:** Removed by TWW to eliminate need for GR Test Results to be entered.
### Prestressed Concrete BMD Bent Caps

**General**

- **Group:** Concrete
- **Status:** History
- **Version:** 2.00
- **From Date:** 03/23/2000
- **To Date:** 03/23/2000

<table>
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<tr>
<th>Field</th>
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<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

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</tr>
<tr>
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<td></td>
<td>M&amp;T RE Both</td>
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<td>M&amp;T RE Both</td>
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<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment:** Pre-tested - M&T samples only
- **Technician Certifications:** (None)

#### Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None

2. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None

3. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

4.  **STANDARD PRESTRESSED CONCRETE TEST - Version 1**

<table>
<thead>
<tr>
<th><strong>Owning Lab:</strong> Structural Members - Prestress</th>
<th><strong>Metric/English Code:</strong> English</th>
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<tbody>
<tr>
<td><strong>IA Type:</strong> None</td>
<td><strong>Sample/Test Remarks:</strong></td>
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</tbody>
</table>

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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twhittington  
**Check In:** twx - added to Description of Sheet Steel  
**Comment:**
Prestressed Concrete BMD Bent Caps

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

From Date: 01/06/2000
To Date: 01/21/2000

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Test Formats
1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2000
Performed By: thjones
Check In: Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
### Test Formats

4. STANDARD PRESTRESSED CONCRETE TEST - Version 1

<table>
<thead>
<tr>
<th>Owning Lab:</th>
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</thead>
<tbody>
<tr>
<td>Structural Members - Prestress</td>
<td>English</td>
</tr>
</tbody>
</table>

**IA Type:** None  
**Sample/Test Remarks:**

---

**Action Date:** 01/06/2000  
**Performed By:** thjones  
**Check In:** Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.  

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*
Prestressed Concrete BMD Bent Caps

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both

Status: Expired
Version: 5.02
From Date: 03/20/2007
To Date: 12/31/2075

Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A

Field Inspection: Required

Inspection Type(s): Prestressed Concrete

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 999,999.00 | M&T Field | M&T Field

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)

Test Formats

1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
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</tr>
</thead>
<tbody>
<tr>
<td>4. STANDARD PRESTRESSED CONCRETE TEST - Version 1</td>
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<tr>
<td><strong>Owning Lab:</strong> Structural Members - Prestress</td>
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<tr>
<td><strong>IA Type:</strong> None</td>
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</tbody>
</table>

- **Check In:** New 2013 MSG
- **Comment:**
- **Performed By:** rpace
- **Action Date:** 02/14/2013
Prestressed Concrete BMD Bent Caps

General

- **Group:** Concrete
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 5.01
- **Metric/English:** Both
- **From Date:** 03/20/2007
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Prestressed Concrete

Small Quantity: ☐

Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)

Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009

Performed By: rpace

Check In

Comment: Changed Alt Id From No Match to Match From Sample
North Carolina Department of Transportation
Minimum Sampling Guide

Test Formats

4. STANDARD PRESTRESSED CONCRETE TEST - Version 1

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural Members - Prestress</td>
<td>English</td>
</tr>
</tbody>
</table>

IA Type: None

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009
Performed By: rpace
Check In: Changed Alt Id From No Match to Match From Sample
Comment:
## Prestressed Concrete BMD Bent Caps

### General

<p>| | | | | |</p>
<table>
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<tr>
<th></th>
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<tr>
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<td>Version</td>
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<td>To Date: 12/31/2075</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</table>

### Methods of Acceptance

<p>| | | | | |</p>
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<td>Visual Inspection</td>
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<tr>
<td>Field Inspection</td>
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<td>Inspection Type(s): Prestressed Concrete</td>
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<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)

### Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/19/2007

Performed By: fmoody

Check In: Assigned Prestressed Field Inspection Report (FIR) to material.
Test Formats

4. STANDARD PRESTRESSED CONCRETE TEST - Version 1

Owning Lab: Structural Members - Prestress
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/19/2007
Performed By: fmoody
Check In: Assigned Prestressed Field Inspection Report (FIR) to material.
Prestressed Concrete BMD Bent Caps

General

Group: Prestressed
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 5.03
From Date: 03/20/2007 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility: (None)

Inspection Type(s): Prestressed Concrete

Sample/Test Remarks:

None

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Field M&T Field

Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Test Formats

1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. PreStress Lab Miscellaneous Test - Version 3
   
   Owning Lab: Structural Members - Prestress
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Action Date: 03/20/2007 Performed By: rpace
Check In: New MSG Groups 2013
Comment:
<table>
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<th>Test Formats</th>
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<tbody>
<tr>
<td>4. STANDARD PRESTRESSED CONCRETE TEST - Version 1</td>
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<tr>
<td><strong>Owning Lab:</strong> Structural Members - Prestress</td>
<td><strong>Metric/English Code:</strong> English</td>
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<td><strong>Sample/Test Remarks:</strong></td>
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<td>New MSG Groups 2013</td>
</tr>
<tr>
<td>Comment:</td>
<td></td>
</tr>
</tbody>
</table>
Prestressed Concrete Box Culvert, Crown Span 3-Sided

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Status: Expired
Version: 7.02
From Date: 03/20/2007
To Date: 12/31/2075

Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Responsibility

(1) M&T  Both
(2) RE  Both
(3) M&T  RE  Both
(4) Both

Inspection Type(s): Prestressed Concrete

Small Quantity: 
Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility | Sample Comment | Technician Certifications | IA Type | Metric/English Code | Sample/Test Remarks
---|---|---|---|---|---|---|---|---
Pretest | 999,999.00 | M&T Field | M&T Field | Pre-tested | M&T samples only | (None) | Metric | 

Test Formats

1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:** 

2. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   
   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:** 

3. PreStress Lab Miscellaneous Test - Version 3
   
   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:** 

Action Date: 02/14/2013  
Performed By: rpace  
Check In: New 2013 MSG  
Comment:
Test Formats

4. STANDARD PRESTRESSED CONCRETE TEST - Version 1

   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

5. STANDARD PRESTRESSED CONCRETE TEST - Version 1

   **Owning Lab:** Structural Members - Prestress  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
## Prestressed Concrete Box Culvert, Crown Span 3-Sided

### General
- **Group:** Prestressed  
- **Status:** Current  
- **How Received:** Material Receipt  
- **Version:** 7.03  
- **Metric/English:** Both  
- **From Date:** 03/20/2007  
- **To Date:** 12/31/2075

### Methods of Acceptance

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<th>Match Alt ID/Match from Sample</th>
<th>Sample/Test</th>
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<th>Approved List</th>
<th>N/A</th>
<th>Visual Inspection</th>
<th>Required</th>
<th>Catalog Cut</th>
<th>N/A</th>
<th>Field Inspection</th>
<th>Required</th>
<th>Inspection Type(s): Prestressed Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

#### Sample Comment
- Must be stamped "NC DOT Approved"; Prepayment Invoice Required

#### Technician Certifications
- (None)

### Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

3. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Action Date:** 03/20/2007  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
## Test Formats

### 4. STANDARD PRESTRESSED CONCRETE TEST - Version 1

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural Members - Prestress</td>
<td>Metric</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 5. STANDARD PRESTRESSED CONCRETE TEST - Version 1

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural Members - Prestress</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Action Date:** 03/20/2007  
**Performed By:** rpace  
**Check In** New MSG Groups 2013  
**Comment:**
Prestressed Concrete Deck Panels

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Archive
Version: 4.00
From Date: 01/01/1999 To Date: 03/19/2007

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: N/A
Responsibility: M&T 913 Report (Steel)

Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Field

Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Test Formats

1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
   - Metric/English Code: Metric
   - Sample/Test Remarks:
   - Owning Lab: Structural Members - Prestress
   - IA Type: None

2. PreStress Lab Miscellaneous Test - Version 3
   - Metric/English Code: Both
   - Sample/Test Remarks:
   - Owning Lab: Structural Members - Prestress
   - IA Type: None

3. STANDARD PRESTRESSED CONCRETE TEST - Version 1
   - Metric/English Code: Metric
   - Sample/Test Remarks:
   - Owning Lab: Structural Members - Prestress
   - IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Perform By: twhittington
Check In: Changing to "No Match" until we're able to get full compliance from Producers on Alt. ID's.
Comment: compliance from Producers on Alt. ID's.
## Prestressed Concrete Deck Panels

### General
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 09/04/2002
- **To Date:** 09/04/2002
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Pre-tested - M&T samples only
- **Technician Certifications:** (None)

### Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **Metric/English Code:** Metric
   - **IA Type:** None
   - **Sample/Test Remarks:**

2. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:**

3. **STANDARD PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **Metric/English Code:** Metric
   - **IA Type:** None
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/04/2002  
**Performed By:** dgreene  
**Check In:** Added Must be stamped "NC DOT Approved"
Prestressed Concrete Deck Panels

General
Group: Concrete  
How Received: Material Receipt  
Metric/English: Metric  
Facility Type: Prestressed Concrete  
Default Auth Lab: Structural Members - Prestress  
Project Certification: Critical  
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required  
Alt ID Matching: Match Alt ID/Match from Sample  
Sample/Test: N/A  
Approved List: N/A  
Visual Inspection: N/A  
Catalog Cut: N/A  
Field Inspection: N/A  
Small Quantity:  
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  999,999.00  M&T Lab  M&T Field

Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Test Formats
1. HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1
- Owning Lab: Structural Members - Prestress  
- Metric/English Code: Metric  
- Sample/Test Remarks:

2. PreStress Lab Miscellaneous Test - Version 3
- Owning Lab: Structural Members - Prestress  
- Metric/English Code: Both  
- Sample/Test Remarks:

3. STANDARD PRESTRESSED CONCRETE TEST - Version 1
- Owning Lab: Structural Members - Prestress  
- Metric/English Code: Metric  
- Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Prestressed Concrete Deck Panels

General
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Metric
- **From Date:** 01/06/2000
- **To Date:** 01/21/2000
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

Testing Requirements
- **Sample Comment:** Pre-tested - M&T samples only
- **Technician Certifications:** (None)

Test Formats
1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **Metric/English Code:** Metric
   - **IA Type:** None
   - **Sample/Test Remarks:**

2. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:**

3. **STANDARD PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **Metric/English Code:** Metric
   - **IA Type:** None
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2000  Performed By: thjones
Check In: Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
Prestressed Concrete Deck Panels

General
- Group: Concrete
- Status: Archive
- How Received: Material Receipt
- Version: 4.00
- Metric/English: English
- From Date: 01/01/1999
- To Date: 03/19/2007
- Facility Type: Prestressed Concrete
- Default Auth Lab: Structural Members - Prestress
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Certification: N/A
- Responsibility: M&T
- Type: (None)
- Test Category: Precast Pretensioned (Steel)
- Certification: M&T 913 Report (Steel)
- Sample/Test: Pre-tested - M&T samples only
- Technician Certifications: (None)

Testing Requirements
- Test Category: Precast Pretensioned (Steel)
- Sample Frequency: 999,999.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Field
- Sample Comment: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Prestressed Concrete Deck Panels

General

<table>
<thead>
<tr>
<th>Group</th>
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<tbody>
<tr>
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<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
<td>Prestressed Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest                | Required |
| Alt ID Matching        | Match Alt ID/Match from Sample |
| Sample/Test            | N/A |
| Approved List          | N/A |
| Visual Inspection      | N/A |
| Catalog Cut            | N/A |
| Field Inspection       | N/A |
| Small Quantity         | Yes |
| Other Reports          | Must be stamped “NC DOT Approved”; Prepayment Invoice Required |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999.999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested - M&T samples only

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Prestressed Concrete Deck Panels

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category: Pretest
Sample Frequency: 999,999.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Field

Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Certification: N/A
Type

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/03/2002
Performed By: dgreene
Check In: change alt id match from sample
Comment:
## Prestressed Concrete Deck Panels

### General

<table>
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<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<td>Metric/English</td>
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<td>Facility Type</td>
<td>Prestressed Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
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<tr>
<td>Project Certification</td>
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<td>MSG Responsibility</td>
<td>Structural Members</td>
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### Methods of Acceptance

<table>
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<td>Sample/Test</td>
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<td>Catalog Cut</td>
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<td>Small Quantity</td>
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<td>Other Reports</td>
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### Certification

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### Testing Requirements

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<tr>
<td>Technician Certifications</td>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2000  
**Performed By:** thjones  
**Check In:** Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
Prestressed Concrete Deck Panels

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 5.03
From Date: 03/20/2007
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility
- M&T
- RE
- Both

Type
- (None)

Inspection Type(s): Prestressed Concrete

Small Quantity: [ ]
Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Pretest | 999,999.00 | M&T Field | M&T Field

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)
### Prestressed Concrete Deck Panels

#### General
- **Group:** Concrete  
- **Status:** Correcting  
- **How Received:** Material Receipt  
- **Version:** 5.03  
- **Metric/English:** Metric  
- **From Date:** 03/20/2007  
- **To Date:** 12/31/2075  
- **Facility Type:** Prestressed Concrete  
- **Default Auth Lab:** Structural Members - Prestress  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members  

#### Methods of Acceptance
- **Pretest:** Required  
- **Certification:** N/A  
- **Responsibility:** M&T Field  
- **Alt ID Matching:** Match Alt ID/Match from Sample  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  
- **Inspection Type(s):** Prestressed Concrete  
- **Small Quantity:**  
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required  

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Pre-tested - M&T samples only  
- **Technician Certifications:** (None)  

#### Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**  
   - **Owning Lab:** Structural Members - Prestress  
   - **Metric/English Code:** Metric  
   - **IA Type:** None  
   - **Sample/Test Remarks:**

2. **PreStress Lab Miscellaneous Test - Version 3**  
   - **Owning Lab:** Structural Members - Prestress  
   - **Metric/English Code:** Both  
   - **IA Type:** None  
   - **Sample/Test Remarks:**

3. **STANDARD PRESTRESSED CONCRETE TEST - Version 1**  
   - **Owning Lab:** Structural Members - Prestress  
   - **Metric/English Code:** Metric  
   - **IA Type:** None  
   - **Sample/Test Remarks:**

---

**Action Date:** 02/01/2012  
**Performed By:** dimiller  
**Check In:**  
**Comment:** 
### Prestressed Concrete Deck Panels

#### General

- **Group:** Concrete  
- **Status:** Current  
- **How Received:** Material Receipt  
- **Version:** 5.02  
- **Metric/English:** Metric  
- **From Date:** 03/20/2007  
- **To Date:** 12/31/2075  
- **Facility Type:** Prestressed Concrete  
- **Default Auth Lab:** Structural Members - Prestress  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members  

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
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<tr>
<td>Visual Inspection</td>
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<td></td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

- **Field Inspection:** Required  
- **Inspection Type(s):** Prestressed Concrete  
- **Small Quantity:** No  
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Pre-tested - M&T samples only  
- **Technician Certifications:** (None)

#### Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST** - Version 1  
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **PreStress Lab Miscellaneous Test** - Version 3  
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

3. **STANDARD PRESTRESSED CONCRETE TEST** - Version 1  
   - **Owning Lab:** Structural Members - Prestress  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/18/2011  
**Performed By:** rpace  
**Check In:** Changed Alt. ID type from "Piece" to "Panel"  
**Comment:**

---

**Field Inspection:** Required  
**Inspection Type(s):** Prestressed Concrete  
**Small Quantity:** No  
**Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

**Test Category:**  
**Sample Frequency:** 999,999.00  
**Sampling Responsibility:** M&T Lab  
**Testing Responsibility:** M&T Field  
**Sample Comment:** Pre-tested - M&T samples only  
**Technician Certifications:** (None)
Prestressed Concrete Deck Panels

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
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</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>03/20/2007</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Prestressed Concrete</td>
<td>To Date</td>
<td>12/31/2075</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
<td>Match Alt ID/Match from Sample</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

Certification: N/A

<table>
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<tbody>
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</tr>
<tr>
<td></td>
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<td>Both</td>
</tr>
<tr>
<td></td>
<td>(None)</td>
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</table>

M&T 913 Report (Steel)

Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)
Prestressed Concrete Deck Panels

**General**

- **Group:** Concrete
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 5.01
- **Metric/English:** Metric
- **From Date:** 03/20/2007
- **To Date:** 12/31/2075
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:**
- **Responsibility:** None

**Sample/Test Remarks:**
- Must be stamped "NC DOT Approved"; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pre-tested - M&T samples only

**Technician Certifications:** (None)

**Test Formats**

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **PreStress Lab Miscellaneous Test - Version 3**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **STANDARD PRESTRESSED CONCRETE TEST - Version 1**
   - **Owning Lab:** Structural Members - Prestress
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009  
**Performed By:** rpace

**Check In:** Changed Alt Id From No Match to Match From Sample  
**Comment:**

**Date:** 03/18/2019  
**Department:** North Carolina Department of Transportation  
**Page:** 1959 of 2668
Prestressed Concrete Deck Panels

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 5.01
From Date: 03/20/2007
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Prestressed Concrete

Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Field

Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Prestressed Concrete Deck Panels

## General

<table>
<thead>
<tr>
<th>Group</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>03/20/2007</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Prestressed Concrete</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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### Methods of Acceptance

<table>
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<td>M&amp;T Lab</td>
<td>M&amp;T</td>
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</tr>
<tr>
<td>Sample/Test</td>
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<td>Lab</td>
</tr>
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<td>Field</td>
<td>M&amp;T</td>
<td>Lab</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td>None</td>
<td>Both</td>
<td>Field</td>
</tr>
<tr>
<td>Catalog Cut</td>
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<td></td>
<td>Both</td>
<td>Field</td>
</tr>
</tbody>
</table>

Field Inspection: Required  
Inspection Type(s): Prestressed Concrete

Small Quantity: [ ]

Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)

### Test Formats

1. **HIGH STRENGTH PRESTRESSED CONCRETE TEST** - Version 1

   **Owning Lab**: Structural Members - Prestress  
   **IA Type**: None  
   **Metric/English Code**: Metric

2. **PreStress Lab Miscellaneous Test** - Version 3

   **Owning Lab**: Structural Members - Prestress  
   **IA Type**: None  
   **Metric/English Code**: Both

3. **STANDARD PRESTRESSED CONCRETE TEST** - Version 1

   **Owning Lab**: Structural Members - Prestress  
   **IA Type**: None  
   **Metric/English Code**: Metric

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/19/2007  
Performed By: fmoody  
Check In: Assigned Prestressed Field Inspection Report (FIR) to material.
## Prestressed Concrete Deck Panels

### General

- **Group:** Concrete  
- **Status:** Expired  
- **How Received:** Material Receipt  
- **Version:** 5.00  
- **From Date:** 03/20/2007  
- **To Date:** 12/31/2075  
- **Metric/English:** English  
- **Facility Type:** Prestressed Concrete  
- **Default Auth Lab:** Structural Members - Prestress  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  
- **Inspection Type(s):** Prestressed Concrete  
- **Small Quantity:** ☐  
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Pre-tested - M&T samples only  
- **Technician Certifications:** (None)

### Note:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Prestressed Concrete Deck Panels

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Prestressed</th>
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<tbody>
<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
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</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest                | Required               |
| Alt ID Matching        | Match Alt ID/Match from Sample |
| Sample/Test            | N/A                    |
| Approved List          | N/A                    |
| Visual Inspection      | Required               |
| Catalog Cut            | N/A                    |
| Field Inspection       | Required               |

Certification: N/A

<table>
<thead>
<tr>
<th>Testing Responsibility</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
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</table>

Field Inspection Type(s): Prestressed Concrete

Small Quantity: No
Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
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</table>

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)

Action Date: 03/20/2007
Performed By: rpace
Check In: New MSG 2013
Comment:
## Prestressed Concrete Material Members

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Prestressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
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<td>Project Certification</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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<tbody>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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**Inspection Type(s):** Prestressed Concrete

### Testing Requirements

<table>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
<td>1.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.

**Technician Certifications:** (None)

**Certification:**

<table>
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<th>Responsibility</th>
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<tbody>
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<td>M&amp;T</td>
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<td>RE</td>
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<td>Both</td>
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</table>

- [ ] M&T 913 Report (Steel)

**Action Date:** 07/18/2016

**Performed By:** fdward

**Check In:** Modified the FIR requirement from Precast to Prestressed

**Comment:**

---

**From Date:** 07/18/2016  **To Date:** 12/31/2075  **Status:** Current  **Version:** 1.00
Prestressed Concrete Members

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Responsibility

<table>
<thead>
<tr>
<th>Type</th>
<th>M&amp;T</th>
<th>RE</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
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<td>Both</td>
</tr>
</tbody>
</table>

Inspection Type(s): Prestressed Concrete

Small Quantity: No
Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 999,999.00 | M&T Field | M&T Field

Sample Comment: Pretested by M&T

Technician Certifications: (None)

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
**Prestressed Concrete Members**

**General**

- **Group:** Concrete
- **Status:** Expired
- **Version:** 5.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** N/A

- **Responsibility**
  - (None)
  - (None)
  - (None)
  - M&T
  - RE
  - Both

**Inspection Type(s):** Prestressed Concrete

- **Small Quantity:** No

**Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
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**Sample Comment:** Pretested by M&T

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009

**Performed By:** rpace

**Check In:** Changed Alt Id From No Match to Match From Sample

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Prestressed Concrete Members

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
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<tbody>
<tr>
<td>Status:</td>
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<td>12/31/2075</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
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</table>

Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | Match Alt ID/Match from Sample |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

Certification: N/A

<table>
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<th>Type</th>
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<td>(None)</td>
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<td>M&amp;T RE Both</td>
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</table>

| M&T 913 Report (Steel) |

Inspection Type(s): Prestressed Concrete

Small Quantity: No

Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment: Pretested by M&T

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009
Performed By: rpace
Check In: Changed Alt Id From No Match to Match From Sample
Comment:
### Prestressed Concrete Members

**General**

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

<table>
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</thead>
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</table>

### Testing Requirements

- **Test Category:** Pretest
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Field

**Sample Comment:** Pretested by M&T

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/25/2003  
**Performed By:** dgreene  
**Check In:** Temporary Change Until Alternate ID Format Revised - cdg  
**Comment:**

---

**From Date:** 02/25/2003  
**To Date:** 02/25/2003
Prestressed Concrete Members

General

Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Batch: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest        | 999,999.00      | M&T Lab                | M&T Field

Sample Comment: Pretested by M&T
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2003  Performed By: rpace
Check In: changed prestressed metric to match/from sample  Comment:
## Prestressed Concrete Members

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Required</th>
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<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

- **Certification:** N/A
- **Type:** M & T
- **Responsibility:**
  - M & T
  - RE
  - Both

- **Certification:** N/A
- **Type:** (None)
- **Responsibility:**
  - M & T
  - RE
  - Both

- **Certification:** N/A
- **Type:** (None)
- **Responsibility:**
  - M & T
  - RE
  - Both

- **Certification:** M & T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** Pretested by M&T
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2000  
**Performed By:** thjones

**Check In:** Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.

**Comment:** bags.
Prestressed Concrete Members

**General**

- **Group:** Concrete
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/15/1997
- **To Date:** 12/11/1999
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

**Certification**

- **Type:** N/A
- **Responsibility**
  - (None)
  - (None)
  - (None)
  - M&T
  - RE
  - Both

- **Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Action Date:** 05/15/1997  
**Performed By:** dgreene  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Prestressed Concrete Members

General

- **Group:** Concrete
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 5.00
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required
- **Other Reports:**

Testing Requirements

- **Test Category:** Pretest
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** M&T Lab
  - **Testing Responsibility:** M&T Field
  - **Sample Comment:** Pretested by M&T
  - **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: twittington
Check In: Changing to "No Match" until we're able to get full compliance from Producers on Alt. ID's.
Comment: compliance from Producers on Alt. ID's.
Prestressed Concrete Members

General

Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports: Must be stamped "NC DOT Approved"; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Pretested by M&T

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Prestressed Concrete Members

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Prestressed Concrete
- Default Auth Lab: Structural Members - Prestress
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: Match Alt ID/Match from Sample
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A

Testing Requirements
- Test Category: Pretest
- Sample Frequency: 999,999.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Field
- Sample Comment: Pretested by M&T
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/17/2002
Check In: Changed alt id on prestress concrete members to match/match to sample
Comment: match/match to sample

Performed By: rpace
## Prestressed Concrete Members

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>No Match</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
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<td></td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:** Pretested by M&T
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2000  
**Performed By:** thjones  
**Check In:** Changed from one sample per 20 bags to one per 50  
**Comment:** bags. Talked with Owen cordle and he agreed.
Prestressed Concrete Members

General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:                   | Required                   |
| Alt ID Matching:           | Match Alt ID/Match from Sample |
| Sample/Test:               | N/A                        |
| Approved List:             | N/A                        |
| Visual Inspection:         | N/A                        |
| Catalog Cut:               | N/A                        |
| Field Inspection:          | N/A                        |
| Small Quantity:            | ?                          |
| Other Reports:             | Prepayment Invoice Required; Pay Adj Required |

Testing Requirements

Sample Comment: 

Technician Certifications: (None)
# Prestressed Concrete Members

## General
- **Group:** Concrete
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 5.01
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

## Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Prestressed Concrete

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
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<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Small Quantity:**
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

## Testing Requirements
- **Test Category**
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** M&T Lab
  - **Testing Responsibility:** M&T Field
  - **Sample Comment:** Pretested by M&T

- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/19/2007  
**Performed By:** fmoody

**Check In:** Assigned Prestressed Field Inspection Report (FIR) to material.
## Prestressed Concrete Members

### General
- **Group:** Concrete
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 5.01
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
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</table>

**Certification:** N/A  
**Responsibility:** (None) M&T (None) RE (None) Both

**Inspection Type(s):** Prestressed Concrete

<table>
<thead>
<tr>
<th>Field Inspection</th>
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<tbody>
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<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Must be stamped &quot;NC DOT Approved&quot;; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999.999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pretested by M&T

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/19/2007  
**Performed By:** fmoody  
**Check In:** Assigned Prestressed Field Inspection Report (FIR) to material.
## Prestressed Concrete Members

### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 5.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

### Certification and Responsibility

<table>
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<th>Responsibility</th>
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<tr>
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</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **Certification:** N/A
- **Responsibility:** M&T 913 Report (Steel)

### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
- Pretest | 999,999.00 | M&T Lab | M&T Field

### Sample Comment
- Pretested by M&T

### Technician Certifications
- (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** twiltington

**Check In**  
Added Must be stamped "NC DOT Approved"  
**Comment:**

Prestressed Concrete Members

General

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
<td>Prestressed Concrete</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
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<td>Project Certification</td>
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</tr>
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<td>From Date</td>
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Methods of Acceptance

<table>
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<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>Match Alt ID/Match from Sample</td>
</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Must be stamped &quot;NC DOT Approved&quot;; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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Sample Comment: Pretested by M&T

Technician Certifications: (None)
**Prestressed Concrete Members**

**General**
- **Group:** Concrete
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 4.01
- **Metric/English:** Metric
- **From Date:** 07/28/2003
- **To Date:** 09/23/2006
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
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</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Approved List</td>
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<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
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</table>

**Certification:** N/A

**Responsibility**
- M&T
- RE
- Both
- (None)

- M&T 913 Report (Steel)

**Small Quantity:**

**Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:** Pretested by M&T

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Added Must be stamped "NC DOT Approved"

Comment:
Prestressed Concrete Members

General

Group: Precast
How Received: Material Receipt
Metric/English: English
Facility Type: Prestressed Concrete
Default Auth Lab: Structural Members - Prestress
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 5.05
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Prestressed Concrete

Certification: N/A
Responsibility:

Type

M&T
RE
Both

Certification:
M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Field M&T Field

Sample Comment: Pretested by M&T

Technician Certifications: (None)

Action Date: 11/14/2016
Performed By: fdward
Check In: Changed Group from Prestressed to Precast
Comment:
### Prestressed Concrete Members

#### General
- **Group:** Prestressed
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 5.06
- **Metric/English:** English
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Inspection Type(s):** Prestressed Concrete

- **Small Quantity:**
- **Other Reports:** Must be stamped "NC DOT Approved"; Prepayment Invoice Required

#### Testing Requirements
- **Pretest**
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** M&T Field
  - **Testing Responsibility:** M&T Field
  - **Sample Comment:** Pretested by M&T
  - **Technician Certifications:** (None)
## Prestressed Concrete Members

### General

- **Group:** Precast
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 5.03
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

- **Certification:** N/A
  - **Type:**
  - **Responsibility:**
    - (None)
    - (None)
    - (None)

### Testing Requirements

- **Test Category:** Pretest
  - **Sample Frequency:** 999,999.00
  - **Sampling Responsibility:** M&T Lab
  - **Testing Responsibility:** M&T Field

- **Sample Comment:** Pretested by M&T

- **Technician Certifications:** (None)

---

**Action Date:** 11/14/2016  
**Performed By:** fdward

**Check In:** Changed Group from Prestressed to Precast

**Comment:**
## Prestressed Spun-Concrete Pole

### General

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Prestressed</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Prestressed Concrete</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Prestress</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>Match Alt ID/Match from Sample</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M&amp;T</td>
</tr>
<tr>
<td></td>
<td>RE</td>
</tr>
<tr>
<td></td>
<td>Both</td>
</tr>
</tbody>
</table>

**Inspection Type(s):** Prestressed Concrete

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Quantity</td>
<td>[ ]</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Must be stamped &quot;NC DOT Approved&quot;; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)
# Prestressed Spun-Concrete Pole

## General

- **Group:** Prestressed
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** English
- **From Date:** 11/13/2015
- **To Date:** 12/31/2075
- **Facility Type:** Prestressed Concrete
- **Default Auth Lab:** Structural Members - Prestress
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

## Methods of Acceptance

**Pretest:** Required

**Alt ID Matching:** Match Alt ID/Match from Sample

**Sample/Test:** N/A

**Approved List:** N/A

**Visual Inspection:** Required

**Field Inspection:** Required

**Certification:** N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **Inspection Type(s):** Prestressed Concrete

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:**

- Must be stamped "NC DOT Approved"; Prepayment Invoice Required

**Technician Certifications:** (None)

---

**Action Date:** 11/13/2015

**Performed By:** bhunter

**Check In:** New material for Spun poles

**Comment:**
## Prestressing Strand

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
<th>Status</th>
<th>Expired</th>
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<tbody>
<tr>
<td>How Received</td>
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<td>Version</td>
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<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest         | N/A          |
| Alt ID Matching | (None)       |
| Sample/Test     | Optional     |
| Approved List   | N/A          |
| Visual Inspection| N/A         |
| Catalog Cut     | N/A          |
| Field Inspection| N/A          |

| Other Quantity | N/A          |
| Other Reports  | Domestic Steel Certification Required; Prepayment Invoice Required |

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>150,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

| Sample Comment | Sampled by M&T - One sample per reel if not pretested. One sample per heat if pretested |
| Technicians    | (None)            |

### Test Formats

1. Prestressing Strand Cable Test - Version 3

| Owning Lab: Physical Lab              | Metric/English Code: English |
| IA Type: None                          | Sample/Test Remarks:        |

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013

Performed By: rpace

Check In: NEW 2013 MSG

Comment:
### Prestressing Strand

#### General

<table>
<thead>
<tr>
<th>Field</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
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</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
</tbody>
</table>

Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
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Sample Comment: Sampled by M&T - One sample per reel if not pretested 
One sample per heat if pretested

Technician Certifications: (None)

#### Test Formats

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
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<tbody>
<tr>
<td>1. Prestressing Strand Cable Test - Version 3</td>
<td>English</td>
<td></td>
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</table>
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Prestressing Strand

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</table>

**Sample Comment:** Sampled by M&T - One sample per reel if not pretested
One sample per heat if pretested

**Technician Certifications:** (None)

**Test Formats**

1. Prestressing Strand Cable Test - Version 3

   **Owning Lab:** Physical Lab
   **Metric/English Code:** English
   **IA Type:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** dgreene  
**Check In:** In step changes  
**Comment:**
Prestressing Strand

General

Group: Steel

How Received: Material Receipt

Metric/English: English

Facility Type: (None)

Default Auth Lab: Physical Lab

Project Certification: Non-Critical

MSG Responsibility: Structural Members

Status: History

Version: 1.00

From Date: 05/15/1997

To Date: 12/11/1999

Methods of Acceptance

Pretest: Optional

Alt ID Matching: No Match

Sample/Test: N/A

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: 

Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required; Pay Adj Required

Certification:

Type

Responsibility

1: Certified Mill Test Report

M & T

RE

Both

Physical Lab

M & T

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Bo...
Prestressing Strand

General
Group: Prestressed
How Received: Not Received
Metric/English: English

Status: Expired
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>150,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sampled by M&T - One sample per reel if not pretested. One sample per heat if pretested
Technician Certifications: (None)

Test Formats

1. Prestressing Strand Cable Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
North Carolina Department of Transportation

Minimum Sampling Guide

Prestressing Strand

General

Group: Steel

How Received: Not Received

Metric/English: Metric

Facility Type: (None)

Default Auth Lab: Physical Lab

Project Certification: Critical

MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Optional

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: 

Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Certification:

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Certified Mill Test Report</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T  RE  Both</td>
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</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment:
Sampled by M&T - One sample per reel if not pretested
One sample per heat if pretested

Technician Certifications: (None)

Test Formats

1. Prestressing Strand Cable Test (Metric) - Version 1

Owning Lab: Physical Lab

IA Type: None

Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: rpace

Check In: Changed to coincide with new project certification

Comment: requirements. rkp
Prestressing Strand

General

Group: Steel  Status: History
How Received: Material Receipt
Metric/English: Metric
From Date: 03/15/2000  To Date: 03/15/2000

Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: 
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
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<td>45,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

Sample Comment: Sampled by M&T - One sample per reel if not pretested
One sample per heat if pretested

Technician Certifications: (None)

Test Formats

1. Prestressing Strand Cable Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Perform By: dgreene
Check In: In step changes
Comment:
## Prestressing Strand

### General

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
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<tr>
<td>Status</td>
<td>History</td>
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<td>Version</td>
<td>1.00</td>
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<tr>
<td>From Date</td>
<td>05/15/1997</td>
</tr>
<tr>
<td>To Date</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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### Methods of Acceptance

<table>
<thead>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required; Prepayment Invoice Required; Pay Adj Required</td>
</tr>
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### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T, RE, Both</td>
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### Other Reports

<table>
<thead>
<tr>
<th>Item</th>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

#### Sample Comment:

- Technician Certifications: (None)

### Test Formats

1. **Prestressing Strand Cable Test (Metric) - Version 1**

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997

**Performed By:** dgreen

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
Prestressing Strand

General
- Group: Prestressed
- How Received: Not Received
- Metric/English: English
- Facility Type: Prestressed Concrete Strand
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Structural Members

Status: Current
Version: 3.03
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Domestic Steel Certification Required; Prepayment Invoice Required

Certification: Required
Type
- 1: Certified Mill Test Report
  - Buy America (None)
  - M&T 913 Report (Steel)
  - M&T RE Both
  - M&T Both

Responsibility

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>150,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sampled by M&T - One sample per reel if not pretested. One sample per heat if pretested

Technician Certifications: (None)

Test Formats

1. Prestressing Strand Cable Test - Version 3

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/20/2016
Performed By: bhunter
Check In: Added Facility Type
Comment:
Prime Coat

General
Group: Asphalt
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: (None)
Technician Certifications: (None)

Test Formats
1. Emulsified Asphalt - Version 14
   
   Owning Lab: Asphalt Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Certification: N/A
   Type: 
   Responsibility: 
   ○ M&T ○ RE ○ Both
   ○ M&T ○ RE ○ Both
   ○ M&T ○ RE ○ Both
   ☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/09/1998
Perform By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
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Prime Coat

General
Group: Asphalt
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 1.00
From Date: 02/09/1998 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Optional
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: N/A
Responsibility: M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Emulsified Asphalt - Version 14
   Owner Lab: Asphalt Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Railroad Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Correcting
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No Samples

Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Sample Comment: No Samples
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)
   ☐ M&T 913 Report (Steel)

Responsibility
● M&T ○ RE ○ Both
○ M&T ○ RE ○ Both
○ M&T ○ RE ○ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
## Railroad Materials

### General
- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Minor  
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** No Samples  
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** No Samples  
- **Technician Certifications:** (None)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Certification:** Required  
<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>1: Certified Mill Test Report (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

**Performed By:** thjones  
**Action Date:** 03/15/2000  
**Check In:** In step changes  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Railroad Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 03/15/2000 To Date: 03/15/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No Samples

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/15/2000
Performed By: thjones
Check In: In step changes
Comment:
Railroad Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.01
From Date: 04/19/2004 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Railroad Materials (Both) - Changed Project Certification to Non-Critical.
Railroad Materials

General

Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 3.00
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples
Technician Certifications: (None)

Certification: Required Type
1: Certified Mill Test Report
   (None) M &T RE Both
   (None) M &T RE Both
   M &T RE Both
   M &T RE Both
   M &T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation  
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**Railroad Materials**

**General**

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

**Certification:**

- **Certification:** Required

<table>
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<th>Responsibility</th>
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<tbody>
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<td>(None)</td>
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</table>

- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/15/2000  
**Performed By:** thjones

**Check In:** In step changes  
**Comment:**

---

[North Carolina Department of Transportation Logo]

[Minimum Sampling Guide Title]

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### Railroad Materials

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

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</thead>
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<tr>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required</td>
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#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

#### Certification:

<table>
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<td>M&amp;T ○</td>
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<td>M&amp;T ○</td>
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- **M&T 913 Report (Steel)**

---

**Action Date:** 05/13/1998  
**Performed By:** dgreene  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Railroad Materials

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.01
From Date: 04/19/2004
To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Certification: Required

<table>
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<th>Type</th>
<th>Responsibility</th>
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<td>M&amp;T RE Both</td>
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<tr>
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<td>M&amp;T RE Both</td>
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<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
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</table>

Testing Requirements

Sample Comment: No Samples

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Railroad Materials (Metric) - Changed Project Certification from Critical to Non-Critical
Comment: to Non-Critical.
Railroad Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Certification: Required
Type
1: Certified Mill Test Report
   (None)
   (None)
   M&T 913 Report (Steel)
Responsibility
   M&T  RE  Both
   M&T  RE  Both
   M&T  RE  Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Railroad Materials (English) - Changed Project
Comment: Certification to Non-Critical.
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Railroad Materials

General
- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 05/13/1998
To Date: 12/11/1999

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □

Certification: Required
- Type
- Responsibility
- 1: Certified Mill Test Report
- (None)
- (None)

Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/13/1998
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Railroad Materials

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification: Required
Type
1: Certified Mill Test Report
(Both)
(Both)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)
# Railroad Materials

## General
- **Group**: Miscellaneous  
- **How Received**: Material Receipt  
- **Metric/English**: English  
- **Facility Type**: (None)  
- **Default Auth Lab**: Structural Members - Steel  
- **Project Certification**: Critical  
- **MSG Responsibility**: Structural Members

## Methods of Acceptance
- **Pretest**: N/A  
- **Alt ID Matching**: (None)  
- **Sample/Test**: Required  
- **Approved List**: N/A  
- **Visual Inspection**: N/A  
- **Catalog Cut**: N/A  
- **Field Inspection**: N/A  
- **Small Quantity**:  
- **Other Reports**: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

## Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M &amp; T 913 Report (Steel)</td>
<td>N/A</td>
<td>(None)</td>
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</table>

## Testing Requirements
- **Sample Comment**:  
- **Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 05/13/1998  
**Performed By**: dgreene  
**Check In**: Archive data come from Minimum Sampling Guide on v3.0  
**Comment**: Production db
### Railroad Materials

#### General
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmood

**Check In:** Railroad Materials (Metric) - Changed Project Certification to Non-Critical.  
**Comment:** to Non-Critical.
North Carolina Department of Transportation
Minimum Sampling Guide

Railroad Materials

General

Group: Miscellaneous  Status: Current
How Received: Material Receipt  Version: 3.02
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No Samples
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples
Technician Certifications: (None)

Certification: Required
Type
1: Certified Mill Test Report
Buy America
(Miscellaneous)

Responsibility
M &T  RE  Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013  Performed By: rpace
Check In: New MSG Groups 2013
Comment:
## Railroad Materials

### General

- **Group:** Miscellaneous
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 3.01
- **Metric/English:** English
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tr>
<td>Small Quantity</td>
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### Testing Requirements

- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

### Certification Requirements

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
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<td>1: Certified Mill Test Report</td>
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<tr>
<td>Buy America (None)</td>
<td>M &amp;T RE Both</td>
<td>M &amp;T RE Both</td>
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</table>

- **M&T 913 Report (Steel)**

### Note:

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**


## Railroad Materials

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples

<table>
<thead>
<tr>
<th>Certification</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M &amp; T</td>
<td>M &amp; T</td>
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<tr>
<td>Buy America</td>
<td>M &amp; T</td>
<td>M &amp; T</td>
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<tr>
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<td>RE</td>
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<tr>
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<td>Both</td>
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</table>

- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:** No Samples

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Railroad Materials (Lump Sum)

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

<table>
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<tr>
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<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
</tbody>
</table>

### Small Quantity
- No Samples

### Other Reports
- Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

### Certification
- **Required Type:**
  - 1: Certified Mill Test Report
  - Buy America (None)

### Responsibility
- **Certification:**
  - M&T RE Both
- **Responsibility:**
  - M&T RE Both

### Field Inspection
- N/A

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**

---

**Sample Comment:** No Samples  
**Technician Certifications:** (None)
Railroad Materials (Lump Sum)

**General**
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**History**
- **From Date:** 04/19/2004
- **To Date:** 09/23/2006
- **Status:** History
- **Version:** 1.01

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

**Certification:** Required
- **Type:** 1: Certified Mill Test Report
- **Responsibility:**
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both

- M&T 913 Report (Steel)

**Testing Requirements**
- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Railroad Materials (Lump Sum) - Changed Project  
**Comment:** Certification to Non-Critical.
### Railroad Materials (Lump Sum)

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<td>MSG Responsibility:</td>
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<table>
<thead>
<tr>
<th>Methods of Acceptance</th>
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<td>Sample/Test:</td>
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<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
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</table>

| Other Reports: | Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required |

<table>
<thead>
<tr>
<th>Certification: Required Type</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report M &amp;T RE Both</td>
</tr>
<tr>
<td>Buy America (None) M &amp;T RE Both</td>
</tr>
<tr>
<td>M &amp;T 913 Report (Steel) M &amp;T RE Both</td>
</tr>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Railroad Materials (Lump Sum)

General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075

**Material Receipt:** (None)
**Non-Critical**
**Structural Members**

**Structural Members - Steel**

**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Group:**
**How Received:** Material Receipt
**Facility Type:** (None)
**Default Auth Lab:** Structural Members - Steel
**Project Certification:** Non-Critical
**MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

**Testing Requirements**
- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

**Certification:**
- **Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both

  1. Certified Mill Test Report
  2. M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: fmoody

Check In: Railroad Materials (Lump Sum) - Changed Project
Comment: Certification to Non-Critical.
### Railroad Materials (Lump Sum)

#### General
- **Group:** Miscellaneous  
- **Status:** History  
- **How Received:** Material Receipt  
- **Version:** 1.00  
- **Metric/English:** Both  
- **From Date:** 03/15/2000  
- **To Date:** 03/15/2000

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

#### Certification
- **Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - M&T

#### Testing Requirements
- **Sample Comment:** No Samples  
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Recycled Material

General

Status: Current
Version: 1.01
From Date: 01/01/1999 To Date: 12/31/2075

How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 M&T Lab M&T Lab

Certification: N/A
Responsibility

☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Recycled Material

General

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Methods of Acceptance

<table>
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<tr>
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Testing Requirements

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Sample Comment: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012

Performed By: dimiller

Check In

Comment:
# Recycled Material

## General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Certification
- Type: N/A
- Responsibility: (None)

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<tr>
<th>Certification</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T</td>
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## Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 100,000,000.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

### Sample Comment
- Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Recycled Material - Both added

**Comment:**
Recycled Material

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 M&T Lab M&T Lab

Sample Comment:
Technician Certifications: (None)

Certification: N/A
Type: M&T, RE, Both
Responsibility:
(□ M&T  □ RE  □ Both)
(□ M&T  □ RE  □ Both)
(□ M&T  □ RE  □ Both)

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In  Recycled Material - Metric added
Comment:
# North Carolina Department of Transportation
## Minimum Sampling Guide

### Recycled Material

#### General
<table>
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<td>To Date</td>
<td>12/31/2075</td>
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#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
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#### Certification

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<tr>
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- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
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<tr>
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<th>Sample Frequency</th>
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<td>M&amp;T Lab</td>
</tr>
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</table>

#### Sample Comment

- **None**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** fmoody
**Check In:** Recycled Material - English added
**Comment:**
## Recycled Material

### General
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 1.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Test Category:** Acceptance
  - **Sample Frequency:** 100,000,000.00
  - **Sampling Responsibility:** M&T Lab
  - **Testing Responsibility:** M&T Lab

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Recycled Material

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: Prepayment Invoice Required

Certification: N/A
Responsibility
Type
(None)
(None)
(None) M&T RE Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100,000,000.00 M&T Lab M&T Lab

Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In New 2013 MSG
Comment:
Recycled Materials for Asphalt

General

Group: Asphalt  Status: History
How Received: Material Receipt  Version: 1.00
Metric/English: English  From Date: 08/05/1997  To Date: 12/11/1999
Facility Type: (None)
Default Auth Lab: Asphalt Lab
Project Certification: Non-Critical
MSG Responsibility: Asphalt Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A
Alt ID Matching: (None)  Type:
Sample/Test: Required  Responsibility:
Approved List: N/A  (None)  M&T  RE  Both
Visual Inspection: N/A  (None)  M&T  RE  Both
Catalog Cut: N/A  (None)  M&T  RE  Both
Field Inspection: N/A  (None)  M&T  RE  Both
Small Quantity:  □  M&T 913 Report (Steel)
Other Reports: Pay Adj Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Recycled Materials for Asphalt

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Asphalt</th>
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<tbody>
<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Asphalt Lab</td>
</tr>
</tbody>
</table>

Status: History
Version: 1.00
From Date: 08/05/1997    To Date: 12/11/1999

Methods of Acceptance

| Pretest          | N/A          |
| Alt ID Matching  | (None)       |
| Sample/Test      | Required     |
| Approved List    | N/A          |
| Visual Inspection| N/A          |
| Catalog Cut      | N/A          |
| Field Inspection | N/A          |
| Small Quantity   |              |
| Other Reports    | Pay Adj Required |

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Asphalt Mix Test - Version 18

Owing Lab: Asphalt Lab  Metric/English Code: Both
IA Type: Asphalt Extraction  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/05/1997  Performed By: twittington
Check In Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Reinforcement Bars, Glass Fiber Reinforced

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: Required

<table>
<thead>
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<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

☑ M&T 913 Report (Steel)

Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility |
---------------|------------------|-------------------------|------------------------|
Acceptance     | 5,000.00         | Project Personnel       | M&T Lab                |

Sample Comment: Two - 30 inch samples, each size bar, each shipment

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcement Bars, Glass Fiber Reinforced

General

Group: Miscellaneous  Status: Current
How Received: Material Receipt  Version: 2.02
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)  Project Certification: Critical
Default Auth Lab: Physical Lab  MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: Required  4: Certified Test Reports
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A  M &T 913 Report (Steel)
Field Inspection: N/A
Small Quantity:  □
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  5,000.00  Project Personnel  M&T Lab

Sample Comment: Two - 30 inch samples, each size bar, each shipment
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  Performed By: rpace
Check In: NEW 2013 MSG  Comment:
Reinforcing Steel Bar Supports

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
<th>Status:</th>
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</thead>
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<tr>
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</tr>
<tr>
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<td>From Date:</td>
<td>01/01/1999</td>
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<td>To Date:</td>
<td>12/31/2075</td>
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<td></td>
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<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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<td></td>
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<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:             | N/A            | Certification: | Required |
| Alt ID Matching:     | (None)         | Type:         | M &T       |
| Sample/Test:        | Optional       | Responsibility:| RE         |
| Approved List:      | N/A            |              | Both       |
| Visual Inspection:  | N/A            |              | Both       |
| Catalog Cut:        | N/A            |              | Both       |
| Field Inspection:   | N/A            |              | Both       |
| Small Quantity:     |                |              | Both       |
| Other Reports:      |               |              | Both       |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sample on bar support per size per shipment if no certifications.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test - Version 6
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Bar Supports Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Reinforcing Steel Bar Supports

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verfication    | 6,000.00         | Project Personnel       | M&T Lab

Sample Comment: Sample on bar support per size per shipment if no certifications.

Technician Certifications: (None)

Test Formats
1. Bar Supports Test - Version 6

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Reinforcing Steel Bar Supports

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)

Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A

Certification: N/A
Responsibility

Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,000.00 Project Personnel M&T Lab
IA - Non-comparative 20,000.00 M&T Field M&T Lab

Sample Comment: One - 30 in (750 mm) sample per each size, each project or 1 per 2,000 EA for acceptance and 1 per 20,000 EA for IA - Non-comparative.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test - Version 6
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Bar Supports Test (Metric) - Version 2
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/17/2010
Performed By: rpace
Check In: Updated IA
Comment:
## Reinforcing Steel Bar Supports

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
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<td>Material Receipt</td>
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<td>Project Certification</td>
<td>Non-Critical</td>
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<td>MSG Responsibility</td>
<td>Structural Members</td>
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<td>To Date</td>
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### Methods of Acceptance

<table>
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### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
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<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<td>IA - Non-comparative</td>
<td>18,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Minimum of One - 750 mm sample per each size bar support per project or 1 per 1,800 M for acceptance and 1 per 18,000 M for IA - Non-comparative.

**Technician Certifications:** (None)

### Test Formats

1. **Bar Supports Test (Metric) - Version 2**

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/17/2010

**Performed By:** rpace

**Check In:** Updated IA

**Comment:**
Reinforcing Steel Bar Supports

General

Group: Steel  Status: Expired
How Received: Material Receipt  Version: 2.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)  Default Auth Lab: Physical Lab
Project Certification: Non-Critical  MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Alt ID Matching: (None)
Sample/Test: Required  Approved List: N/A
Visual Inspection: N/A  Catalog Cut: N/A
Field Inspection: N/A  Small Quantity: N/A

Certification: N/A

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<th>Responsibility</th>
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<tr>
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<tr>
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Other Reports:

Testing Requirements

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<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T Lab</td>
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<td>IA - Non-comparative</td>
<td>60,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Minimum of One - 30 inch sample per each size bar support per project or 1 per 6,000 LF for acceptance and 1 per 60,000 LF for IA - Non-comparative.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test - Version 6

Owning Lab: Physical Lab  Metric/English Code: English
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/17/2010  Performed By: rpace
Check In  Updated IA
Comment:
## Reinforcing Steel Bar Supports

### General
- **Group:** Steel
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** English
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>6,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Minimum of One - 30 inch sample per each size bar support per shipment.

**Technician Certifications:** (None)

### Test Formats
1. Bar Supports Test - Version 6
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** changes steel bar support freq from 2000 to 6000  
**Comment:**
# Minimum Sampling Guide

## Reinforcing Steel Bar Supports

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** English
- **From Date:** 05/15/1997
- **To Date:** 12/11/1999
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

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<tr>
<th>Pretest</th>
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</tr>
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<tr>
<td>Alt ID Matching</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Pay Adj Required</td>
</tr>
</tbody>
</table>

### Testing Requirements
- **Sample Comment:** One - 18 inch sample per each size, each shipment.
- **Technician Certifications:** (None)

### Test Formats

#### 1. Bar Supports Test - Version 6

- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Reinforcing Steel Bar Supports

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 2,000.00 Project Personnel M&T Lab

Sample Comment: One - 30 in (750 mm) sample per each size, each shipment.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test - Version 6
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Bar Supports Test (Metric) - Version 2
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Reinforcing Steel Bar Supports (Both) added Bar Supports
Comment: Test - English and Metric to Test Format.
Reinforcing Steel Bar Supports

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Acceptance | 2,000.00 | Project Personnel | M&T Lab

Sample Comment: One - 30 in (750 mm) sample per each size, each shipment.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test - Version 6
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Bar Supports Test (Metric) - Version 2
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/03/2005
Performed By: fmood
Check In: Reinforcing Steel Bar Supports (Both) changed Default
Comment: Authorizing Lab to Field Section.
Reinforcing Steel Bar Supports

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Material Receipt</td>
</tr>
<tr>
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<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
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<tr>
<td>MSG Responsibility:</td>
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Status: History
Version: 1.00
From Date: 07/25/1997 To Date: 12/11/1999

Methods of Acceptance

| Pretest:  | N/A          |
| Alt ID Matching: | (None)     |
| Sample/Test: | Required   |
| Approved List: | N/A        |
| Visual Inspection: | N/A      |
| Catalog Cut: | N/A         |
| Field Inspection: | N/A      |
| Small Quantity: | No
| Other Reports: | Pay Adj Required |

Testing Requirements

Sample Comment: One - 18 in (450 mm) sample per each size, each shipment.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test - Version 6
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English

2. Bar Supports Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/25/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Reinforcing Steel Bar Supports

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
<th>Status: History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version: 2.01</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
<td>From Date: 10/03/2005 To Date: 09/23/2006</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One - 30 in (750 mm) sample per each size, each shipment.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test - Version 6
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Bar Supports Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Reinforcing Steel Bar Supports (Both) added Bar Supports
Comment: Test - English and Metric to Test Format.
## Reinforcing Steel Bar Supports

### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Minimum of One - 750 mm sample per each size bar support per each shipment.

**Technician Certifications:** (None)

### Test Formats

1. Bar Supports Test (Metric) - Version 2

   **Owning Lab:** Physical Lab
   **IA Type:** None

   **Metric/English Code:** Metric

   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** rpace
**Check In:** changed metric steel bar support freq from 600 to 1800
**Comment:**
Reinforcing Steel Bar Supports

General

| Group: Steel | Status: History |
| How Received: Material Receipt | Version: 1.00 |
| Metric/English: Metric | From Date: 05/15/1997 |
| Facility Type: (None) | To Date: 12/11/1999 |
| Default Auth Lab: Physical Lab | |
| Project Certification: Non-Critical | |
| MSG Responsibility: Physical Lab | |

Methods of Acceptance

| Pretest: N/A | Certification: N/A |
| Alt ID Matching: (None) | Type |
| Sample/Test: Required | Responsibility |
| Approved List: N/A | M&T | RE | Both |
| Visual Inspection: N/A | (None) | M&T | RE | Both |
| Catalog Cut: N/A | (None) | M&T | RE | Both |
| Field Inspection: N/A | | |
| Small Quantity: | M&T 913 Report (Steel) |
| Other Reports: Pay Adj Required | |

Testing Requirements

Sample Comment: One - 450 mm sample per each size, each shipment.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test (Metric) - Version 2

   | Owning Lab: Physical Lab |
   | IA Type: None |

   | Metric/English Code: Metric |
   | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997
Performed By: twiltington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Reinforcing Steel Bar Supports

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest         | N/A                          |
| Alt ID Matching | (None)                      |
| Sample/Test     | Required                    |
| Approved List   | N/A                         |
| Visual Inspection | N/A                      |
| Catalog Cut     | N/A                         |
| Field Inspection | N/A                        |
| Small Quantity  | □                           |
| Other Reports   |                              |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,800.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Minimum of One - 750 mm sample per each size bar support per each shipment.

Technician Certifications: (None)

Test Formats

1. Bar Supports Test (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: changed metric steel bar support freq from 600 to 1800
Comment:
## Reinforcing Steel Bar Supports

### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>6,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Minimum of One - 30 inch sample per each size bar support per shipment.

**Technician Certifications:** (None)

### Test Formats
1. Bar Supports Test - Version 6

- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** changes steel bar support freq from 2000 to 6000  
**Comment:**
### Reinforcing Steel Bar Supports

#### General
- **Group:** Steel
- **Status:** Current
- **Version:** 3.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

#### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Sample on bar support per size per shipment if no certifications.

**Test Formats**

1. **Bar Supports Test - Version 6**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Bar Supports Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013

**Performed By:** rpacz

**Check In:** New MSG Groups 2013

**Comment:**

### Certification Requirements

- **Type:** Required
- **Responsibility:** M&T

- 2. Typical Certified Mill Test Report
- Buy America

- **M&T 913 Report (Steel):**

- **Technical Certifications:** (None)

---

**Sample/Test Remarks:**

- Project Personnel
- M&T Lab

**Owning Lab:** Physical Lab

**IA Type:** None

**Metric/English Code:** English

---

**Pretest:** N/A

**Alt ID Matching:** (None)

**Sample/Test:** Optional

**Approved List:** N/A

**Visual Inspection:** N/A

**Catalog Cut:** N/A

**Field Inspection:** N/A

**Small Quantity:**

**Other Reports:**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Sample on bar support per size per shipment if no certifications.

**Test Formats**

1. **Bar Supports Test - Version 6**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Bar Supports Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013

**Performed By:** rpacz

**Check In:** New MSG Groups 2013

**Comment:**

### Certification Requirements

- **Type:** Required
- **Responsibility:** M&T

- 2. Typical Certified Mill Test Report
- Buy America

- **M&T 913 Report (Steel):**

- **Technical Certifications:** (None)

---

**Pretest:** N/A

**Alt ID Matching:** (None)

**Sample/Test:** Optional

**Approved List:** N/A

**Visual Inspection:** N/A

**Catalog Cut:** N/A

**Field Inspection:** N/A

**Small Quantity:**

**Other Reports:**
Reinforcing Steel, Epoxy Coated

General
- **Group:** Steel
- **Status:** Expired
- **Version:** 4.04
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 350 LB

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>200,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification required. For IA, 1 sample per each size bar per each 200,000 lbs shipped. If no ER-02 DO NOT USE.

**Technician Certifications:** (None)

Test Formats

1. **Epoxy Coated Reinforcing Steel Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
Reinforcing Steel, Epoxy Coated

General
Group: Steel  Status: Expired
How Received: Material Receipt  Version: 4.02
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type
Sample/Test: N/A  Responsibility
Approved List: N/A  1: Certified Mill Test Report
Visual Inspection: N/A  M&T
Catalog Cut: N/A  RE
Field Inspection: N/A  Both
Small Quantity: If less than 350 LB
Other Reports: Domestic Steel Certification Required by M&T prior to inspection. Form ER-02 required to be sent to RE. This is the document received item.

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  20,000.00  Project Personnel  M&T Lab
Sample Comment: Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification.
Technician Certifications: (None)

Test Formats
1. Epoxy Coated Reinforcing Steel Test - Version 5
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/26/2009  Performed By: rpace
Check In: df  Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Reinforcing Steel, Epoxy Coated

General

Group: Steel
Status: Expired
How Received: Material Receipt
Version: 4.03
Metric/English: English
From Date: 01/01/1999
Facility Type: Rebar Coaters
To Date: 12/31/2075
Default Auth Lab: Physical Lab
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes, if less than 350 LB

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
IA - Non-comparative | 200,000.00 | M&T Field | M&T Lab
Verification | 20,000.00 | Project Personnel | M&T Lab

Sample Comment: Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification required. For IA, 1 sample per each size bar per each 200,000 lbs shipped.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5

   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5

   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/17/2010
Performed By: rpace
Check In: Updated IA
Comment:
Reinforcing Steel, Epoxy Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 6.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: If less than 150 Kg

Other Reports:
- Domestic Steel Certification Required by M&T prior to inspection. Form ER-02 required to be sent to RE. This is the document received item.

Certification: Required
Type: 1: Certified Mill Test Report
Other
(Non)

Responsibility

M&T
RE
Both

M&T
RE
Both

M&T
RE
Both

[ ] M&T 913 Report (Steel)

Testing Requirements

Verification 9,000.00 Project Personnel M&T Lab

Sample Comment: Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2

   Owner Lab: Physical Lab
   Metric/English Code: Metric
   IA Type: None
   Sample/Test Remarks:

2. Steel Alloy - Version 5

   Owner Lab: Chemical Lab
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Status: Expired
Version: 4.01
From Date: 01/01/1999 To Date: 12/31/2075

Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Certification: Required
Type
1: Certified Mill Test Report
Other
(None)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Test Category Verification Sample Frequency 20,000.00 Sampling Responsibility Project Personnel Testing Responsibility M&T Lab
Sample Comment: Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification.
Technician Certifications: (None)

Test Formats
1. Epoxy Coated Reinforcing Steel Test - Version 5
   
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5

   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/26/2009
Performed By: rpace
Check In: Changed Cert to both to cover er-02
Comment:
Reinforcing Steel, Epoxy Coated

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Rebar Coaters</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</tbody>
</table>

Status: Current
Version: 4.08
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>If less than 350 LB</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required by M&amp;T prior to inspection. Form ER-02 required to be sent to RE. This is the document received item.</td>
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Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Certified Mill Test Report</td>
</tr>
<tr>
<td>Buy America</td>
<td>M&amp;T   RE   Both</td>
</tr>
<tr>
<td>Other</td>
<td>M&amp;T   RE   Both</td>
</tr>
</tbody>
</table>

☑️ M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>400,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification required. For IA, Two - 30 inch samples per each size bar per each 400,000 lbs shipped. If no ER-02 DO NOT USE.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/17/2016  Performed By: bhunter
Check In: Had to clarify that 1 sample is 2 bars
Comment:
# Reinforcing Steel, Epoxy Coated

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>3.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>09/03/2002</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Rebar Coaters</td>
<td>To Date</td>
<td>09/03/2002</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 350 LB
- **Certification:** Required
  - **Type:** M&T 913 Report (Steel)
  - **Responsibility:** M&T

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

## Technician Certifications:
- (None)

## Test Formats

1. **Epoxy Coated Reinforcing Steel Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated

General

Group: Steel  Status: Expired
How Received: Material Receipt  Version: 6.00
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type
Sample/Test: N/A  Responsibility
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes  If less than 150 Kg
Other Reports:
Domestic Steel Certification Required
M&T Form ER-02 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - Metric/English Code: Metric
   - Sample/Test Remarks:

   IA Type: None

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - Sample/Test Remarks:

   IA Type: None

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: dgreene
Check In: M&T Form ER-02 required
Comment:
Reinforcing Steel, Epoxy Coated

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 5.00
From Date: 09/03/2002 To Date: 09/03/2002

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 150 Kg
Other Reports: Domestic Steel Certification Required
M&T Form 310 required

Certification: Required
Type
Responsibility
1: Certified Mill Test Report
M&T RE Both
Other
M&T RE Both
(Non)
M&T 913 Report (Steel)

Testing Requirements

Test Category
Verifications
Sample Frequency
9,000.00
Sampling Responsibility
Project Personnel
Testing Responsibility
M&T Lab

Sample Comment:
If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Forms
1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   Owner Lab: Physical Lab
   Metric/English Code: Metric
   IA Type: None
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Owner Lab: Chemical Lab
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 09/03/2002
Performed By: dgreene
Check In: remove sample/test
Comment:
Reinforcing Steel, Epoxy Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ✓ If less than 150 Kg

Other Reports: Domestic Steel Certification Required
M&T Form ER-02 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 4.00
From Date: 10/31/2001
To Date: 10/31/2001

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☑️ If less than 150 Kg
Other Reports:
- Domestic Steel Certification Required
- M&T Form 310 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
- If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
- If there is a M&T 913 form: No samples required.
- Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/31/2001
Performed By: dgreene
Check In: Added Facility Type
Comment:
**Reinforcing Steel, Epoxy Coated**

**General**
- Group: Steel
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Structural Members

**From Date:** 04/06/2000  **To Date:** 04/10/2000

**Methods of Acceptance**

<table>
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<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
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<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- **Small Quantity:** Yes, if less than 150 Kg

- **Other Reports:**
  - Domestic Steel Certification Required
  - M&T Form 310 required

**Testing Requirements**

- **Sample Comment:**
  - If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
  - If there is a M&T 913 form: No samples required.
  - Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

**Technician Certifications:** (None)

**Test Formats**

1. **Epoxy Coated Reinforcing Steel Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  **Performed By:** Idean
**Check In:** Changed default authorizing lab from Physical to Chemical.
Reinforcing Steel, Epoxy Coated

### General

- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Metric
- **From Date:** 03/22/2000
- **To Date:** 03/23/2000
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Small Quantity:** If less than 150 Kg

**Other Reports:** Domestic Steel Certification Required

**Certification:** Required

- **Type:** M &T
- **Responsibility:**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both
  - Other
    - (None)
    - M&T
    - RE
    - Both

**Responsibility:**

- **Certification:**
  - M&T 913 Report (Steel)

### Testing Requirements

**Sample Comment:**
If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

**Technician Certifications:**
- (None)

### Test Formats

1. **Epoxy Coated Reinforcing Steel Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/22/2000

**Performed By:** dgreene

**Check In:** tww - changed Borrow for Quality to MINOR

**Comment:**
Reinforcing Steel, Epoxy Coated

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English:</td>
<td>Metric</td>
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<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
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</table>

From Date: 05/15/1997  To Date: 12/11/1999

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
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</tr>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>If less than 150 Kg</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Domestic Steel Certification Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment: If there is NO M&T 913 form:
- Two - 750 mm samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No samples required.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>Metric</td>
</tr>
</tbody>
</table>

2. Steel Alloy - Version 5

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997  Performed By: twhiltington
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
Reinforcing Steel, Epoxy Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 6.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 150 Kg

Other Reports:
Domestic Steel Certification Required by M&T prior to inspection. Form ER-02 required to be sent to RE. This is the document received item.

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification. For Two - 30 inch samples per each size bar per each 9,000 lbs shipped.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   Owning Lab: Physical Lab
   Metric/English Code: Metric
   IA Type: None
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Owning Lab: Chemical Lab
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/17/2016
Performed By: bhunter
Check In: Had to clarify that 1 sample was 2 bars
Comment:
Reinforcing Steel, Epoxy Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 3.01
From Date: 04/07/2003 To Date: 09/23/2006

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Other Reports: Domestic Steel Certification Required
M&T Form ER-02 required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 20,000.00 | Project Personnel | M&T Lab

Sample Comment:
If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In M&T Form ER-02 required
Comment:

M&T 913 Report (Steel)
Reinforcing Steel, Epoxy Coated

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 4.07
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: [✓] If less than 350 LB

Other Reports: Domestic Steel Certification Required by M&T prior to inspection. Form ER-02 required to be sent to RE. This is the document received item.

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility |
---|---|---|---|
Verification | 400,000.00 | Project Personnel | M&T Lab |

Sample Comment: Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification required. For IA, 1 sample per each size bar per each 400,000 lbs shipped. If no ER-02 DO NOT USE.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5

   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

2. Steel Alloy - Version 5

   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/28/2015  
Performed By: rpace

Check In: had 200,000 in frequency and 400,000 in comments.
Comment: Changed to 400,000 in frequency. -rkp
Reinforcing Steel, Epoxy Coated

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 4.06
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Other Reports:
- Domestic Steel Certification Required by M&T prior to inspection. Form ER-02 required to be sent to RE. This is the document received item.

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 200,000.00 Project Personnel M&T Lab

Sample Comment:
- Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification required. For IA, 1 sample per each size bar per each 400,000 lbs shipped. If no ER-02 DO NOT USE.

Technician Certifications: (None)

Test Formats
1. Epoxy Coated Reinforcing Steel Test - Version 5
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/31/2015
Performed By: rpace
Check In: Corrected tonnage from 200,000 pounds to 400,000
Comment: pounds.
### Reinforcing Steel, Epoxy Coated

#### General
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 4.05
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Rebar Coaters
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Small Quantity:** If less than 350 LB

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>200,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Must come to RE with the M&T Form ER-02. M&T has on file the 913 and domestic certification required. For IA, 1 sample per each size bar per each 200,000 lbs shipped. If no ER-02 DO NOT USE.

#### Technician Certifications:
- (None)

### Test Formats

1. **Epoxy Coated Reinforcing Steel Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/11/2014  
**Performed By:** rpace  
**Check In:** Deleted IA Non and changed freq from 20000 to 200000  
**Comment:**
Reinforcing Steel, Epoxy Coated

General

Group: Steel  Status: Expired
How Received: Material Receipt  Version: 4.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Rebar Coaters
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type
Sample/Test: N/A  1: Certified Mill Test Report
Approved List: N/A  Other
Visual Inspection: N/A  (None)
Catalog Cut: N/A  M&T 913 Report (Steel)
Field Inspection: N/A  Responsibility
Small Quantity: Yes  M&T  RE  Both
Other Reports: Domestic Steel Certification Required  M&T Form ER-02 required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  20,000.00  Project Personnel  M&T Lab

Sample Comment: If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5

Owning Lab: Physical Lab  Metric/English Code: English
IA Type: None  Sample/Test Remarks:

2. Steel Alloy - Version 5

Owning Lab: Chemical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: dgreen
Check In  M&T Form ER-02 required
Comment:
### Reinforcing Steel, Epoxy Coated

#### General
- **Group:** Steel  
- **Status:** History  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **From Date:** 03/22/2000  
- **To Date:** 03/23/2000  
- **Version:** 2.00  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 350 LB
- **Other Reports:** Domestic Steel Certification Required  
  M&T From 310 Required

#### Certification
- **Type:** Required
- **Responsibility**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both
  - Other
    - (None)
  - [ ] M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:** If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment. If there is a M&T 913 form: No samples required.  
  Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

#### Technician Certifications
- **(None)**

#### Test Formats
1. **Epoxy Coated Reinforcing Steel Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/22/2000  
**Performed By:** dgreene  
**Check In:** tww -changed Borrow for Quality to MINOR  
**Comment:**

## Reinforcing Steel, Epoxy Coated

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** English
- **From Date:** 05/15/1997
- **To Date:** 12/11/1999
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 350 LB
- **Other Reports:** Domestic Steel Certification Required; Pay Adj Required

### Certification
- **Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both

### Methods of Acceptance Details
- **Certification:**
  - 1: Certified Mill Test Report
    - (None)
  - No samples required.
  - M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** If there is NO M&T 913 form:
  - Two - 30 inch samples, each size bar, each shipment.
  - If there is a M&T 913 form:
    - No samples required.

### Technician Certifications
- (None)

### Test Formats
1. **Epoxy Coated Reinforcing Steel Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997
**Performed By:** twittington
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General
Group: Steel  Status: Expired
How Received: Material Receipt  Version: 8.04
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Dowel Baskets
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 100 Baskets
Other Reports: Domestic Steel Certification Required M&T- DB-06

Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: If there is NO M&T DB06 form: 1- 3 foot section of assembly for every 200 baskets. If there is a M&T DB06 form: No samples required for acceptance. IA Samples one for every 2000 assemblies.

Technician Certifications: (None)

Test Formats
1. Dowel Bars - Version 2
   - Metric/English Code: English
   - Sample/Test Remarks:
     - Owning Lab: Physical Lab
     - IA Type: None

2. Dowel Bars Test (Metric) - Version 1
   - Metric/English Code: Metric
   - Sample/Test Remarks:
     - Owning Lab: Physical Lab
     - IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  Performed By: rpace
Check In: New 2013 MSG  Comment:
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Dowel Baskets
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 100 Baskets
Other Reports:
- Domestic Steel Certification Required
- M&T Form ER-02 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If there is NO M&T 913 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Dowel Bars - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Dowel Bars Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: dgreene
Check In: M&T Form ER-02 required
Comment:
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General
Group: Steel  Status: History
How Received: Material Receipt
Metric/English: Both
Facility Type: Dowel Baskets
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Certification: Required
Responsibility:
1: Certified Mill Test Report
M &T RE Both

Small Quantity: If less than 100 Baskets

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  200.00  Project Personnel  M&T Lab

Sample Comment: If there is NO M&T 913 form: 1- 3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats
1. Dowel Bars - Version 2
   Owning Lab: Physical Lab
   IA Type: None

2. Dowel Bars Test (Metric) - Version 1
   Owning Lab: Physical Lab
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General

Group: Steel  Status: History

How Received: Material Receipt  Version: 6.00

Metric/English: Both  From Date: 09/04/2002  To Date: 09/04/2002

Facility Type: Rebar Coaters  Default Auth Lab: Physical Lab

Project Certification: Critical  MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required  Certification: Required

Alt ID Matching: No Match  Type

Sample/Test: N/A  Responsibility

Approved List: N/A  1: Certified Mill Test Report

Visual Inspection: N/A  M&T  RE  Both

Catalog Cut: N/A  Other

Field Inspection: N/A

Small Quantity:  If less than 100 Baskets

Other Reports:

Domestic Steel Certification Required

M&T Form 310 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
If there is NO M&T 913 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications:

(None)

Test Formats

1. Dowel Bars - Version 2

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Dowel Bars Test (Metric) - Version 1

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/04/2002  Performed By: dgreene
Check In  Added Facility type and made pretest required
Comment:
## Reinforcing Steel, Epoxy Coated, Dowel Assembly

### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 100 Baskets
- **Other Reports:** Domestic Steel Certification Required

### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 200.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

#### Sample Comment:
If there is NO M&T 913 form: 1- 3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

#### Technician Certifications:
- (None)

### Test Formats
1. **Dowel Bars - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None

2. **Dowel Bars Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/03/2002

**Performed By:** dgreene

**Check In:** optional pretest

**Comment:**
## Reinforcing Steel, Epoxy Coated, Dowel Assembly

### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members
- **Status:** History
- **Version:** 4.00
- **From Date:** 06/12/2002
- **To Date:** 06/12/2002

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 100 Baskets
- **Other Reports:** Domestic Steel Certification Required M&T Form 310 required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If there is NO M&T 913 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

**Technician Certifications:** (None)

### Test Formats

1. **Dowel Bars - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Dowel Bars Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/12/2002  
**Performed By:** rpace  
**Check In:**  
**Comment:**
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General

<table>
<thead>
<tr>
<th>Status:</th>
<th>History</th>
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<tbody>
<tr>
<td>Group:</td>
<td>Steel</td>
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<tr>
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<td>Default Auth Lab:</td>
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<tr>
<td>Project Certification:</td>
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</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:         | N/A              |
| Alt ID Matching: | (None)           |
| Sample/Test:     | Optional         |
| Approved List:   | N/A              |
| Visual Inspection: | N/A             |
| Catalog Cut:     | N/A              |
| Field Inspection:| N/A              |
| Small Quantity:  | If less than 350 LB |
| Other Reports:   | Domestic Steel Certification Required M&T Form 310 required |

Testing Requirements

- **Test Category**: Verification
- **Sample Frequency**: 200.00
- **Sampling Responsibility**: Project Personnel
- **Testing Responsibility**: M&T Lab

**Sample Comment**: If there is NO M&T 913 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

**Technician Certifications**: (None)

Test Formats

1. **Dowel Bars - Version 2**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: 

2. **Dowel Bars Test (Metric) - Version 1**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 06/12/2002  
**Performed By**: rpace

**Check In**: changed sample/test on dowel assembly from required to optional.
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General

Group: Steel  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Both  From Date: 06/12/2002  To Date: 06/12/2002
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Other Reports: Domestic Steel Certification Required
M&T Form 310 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If there is NO M&T 913 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Dowel Bars - Version 2
   - Owning Lab: Physical Lab
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Dowel Bars Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/12/2002  Performed By: rpace
Check In: Changed dowel basket assembly freq. from every 20,000.00 to every 200.
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 03/22/2000
To Date: 03/23/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Other Reports:
- Domestic Steel Certification Required
- M&T Form 310 required

Certification: Required
Type
- 1: Certified Mill Test Report
- Other
  (None)
  - M&T
  - RE
  - Both

Responsibility
- M&T
- RE
- Both

Test Formats

1. Dowel Bars - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Dowel Bars Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Testing Requirements

Sample Comment:
- If there is NO M&T 913 form: Two bars, each shipment.
- If there is a M&T 913 form: No samples required.
- Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Reinforcing Steel, Epoxy Coated, Dowel Assembly

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<td>To Date</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>✅ If less than 100 Baskets</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required M&amp;T-DB-06</td>
</tr>
</tbody>
</table>

### Testing Requirements

#### Test Category

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment

If there is NO M&T DB06 form: 1- 3 foot section of assembly for every 200 baskets. If there is a M&T DB06 form: No samples required for acceptance. IA Samples one for every 2000 assemblies.

#### Technician Certifications

- (None)

### Test Formats

1. Dowel Bars - Version 2
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Dowel Bars Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Reinforcing Steel, Epoxy Coated, Dowel Assembly

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>How Received</th>
<th>Version</th>
<th>Metric/English</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
<td>Expired</td>
<td>Material Receipt</td>
<td>8.02</td>
<td>Both</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dowel Baskets</td>
<td>Physical Lab</td>
<td>Critical</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 100 Baskets
- **Other Reports:** Domestic Steel Certification Required M&T-DB-06

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** If there is NO M&T DB06 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T DB06 form: No samples required for acceptance. IA Samples one for every 2000 assemblies.

**Technician Certifications:** (None)

#### Test Formats

1. Dowel Bars - Version 2
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Dowel Bars Test (Metric) - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/08/2007  
**Performed By:** rpace  
**Check In:** Changed Description and added IA samples.  
**Comment:**

---

**Message:**

- **Owning Lab:** Physical Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General
Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: Dowel Baskets
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 8.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 100 Baskets
Other Reports: Domestic Steel Certification Required M&T- DB-06

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 200.00 | Project Personnel | M&T Lab

Sample Comment: If there is NO M&T 913 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats
1. Dowel Bars - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Dowel Bars Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/21/2006
Performed By: fmoody
Check In: Changed Other Reports to read: Domestic Steel Certification Required M&T - DB-06
Comment: Certification Required M&T - DB-06
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General

Group: Steel

Status: History

How Received: Material Receipt

Version: 7.01

Metric/English: Both

From Date: 04/07/2003

Facility Type: Dowel Baskets

To Date: 09/23/2006

Default Auth Lab: Physical Lab

Project Certification: Critical

MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required

Alt ID Matching: No Match

Sample/Test: N/A

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: If less than 100 Baskets

Other Reports: Domestic Steel Certification Required

M&T Form ER-02 required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verfication | 200.00 | Project Personnel | M&T Lab

Sample Comment: If there is NO M&T 913 form: 1-3 foot section of assembly for every 200 baskets. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Dowel Bars - Version 2

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Dowel Bars Test (Metric) - Version 1

   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated, Dowel Assembly

General
- **Group:** Steel
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 8.05
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** Both
- **Facility Type:** Dowel Baskets
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 100 Baskets

**Certification:** Required
- **Type:**
  - 1: Certified Mill Test Report
  - Other
  - Buy America
  - **Responsibility:**
    - M&T
    - RE
    - Both
    - M&T
    - RE
    - Both

**Required:** M&T 913 Report (Steel)

Other Reports:
- Domestic Steel Certification Required M&T- DB-06

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Verification</td>
<td>2,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

**Sample Comment:** If there is NO M&T DB06 form: 1- 3 foot section of assembly for every 200 baskets. If there is a M&T DB06 form: No samples required for acceptance. IA Samples one for every 2000 assemblies.

**Technician Certifications:** (None)

Test Formats
1. **Dowel Bars - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**
2. **Dowel Bars Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated, Miscellaneous

General
Group: Steel
How Received: Material Receipt
Metric/English: English

Status: Current
Version: 2.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Other Reports: Domestic Steel Certification Required
M&T Form ER-02 required

Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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<tr>
<td>Verification</td>
<td>200,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats
1. Epoxy Coated Reinforcing Steel Test - Version 5
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Other Reports: Domestic Steel Certification Required
M&T Form ER-02 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

Sample Comment: If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - Metric/English Code: Metric
   - IA Type: None
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: dgreene
Check In: M&T Form ER-02 required
Comment:
Reinforcing Steel, Epoxy Coated, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Reinforcing Steel
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB
Other Reports: Domestic Steel Certification Required

Testing Requirements

Sample Comment: If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment. If there is a M&T 913 form: No samples required. Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   
   **Metric/English Code:** Metric
   **Sample/Test Remarks:** 

2. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   
   **Metric/English Code:** Both
   **Sample/Test Remarks:** 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated, Miscellaneous

General

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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<td>MSG Responsibility</td>
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Methods of Acceptance

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<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<tr>
<td>Small Quantity</td>
<td>If less than 350 LB</td>
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<tr>
<td>Certification</td>
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Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks: 

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated, Miscellaneous

General

- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** Reinforcing Steel  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Physical Lab  

**Status:** History  
**Version:** 1.00  
**From Date:** 03/22/2000  
**To Date:** 03/23/2000

**Methods of Acceptance**

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** If less than 350 LB  
- **Other Reports:** Domestic Steel Certification Required  
  M&T Form 310 Required

**Testing Requirements**

- **Sample Comment:** If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.  
  If there is a M&T 913 form: No samples required.  
  Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

**Technician Certifications:** (None)

**Test Formats**

1. **Epoxy Coated Reinforcing Steel Test - Version 5**  
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**  
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

**Certification:** Required  
**Type**  
1: Certified Mill Test Report  
Other (None)  

**Responsibility**  
- M&T  
- RE  
- Both

- M&T  
- RE  
- Both

- M&T  
- RE  
- Both

**Check In:** tww -changed Borrow for Quality to MINOR  
**Comment:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Epoxy Coated, Miscellaneous

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
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<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility:</td>
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</table>

Status: Expired

Version: 2.01

From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: Required

Alt ID Matching: No Match

Sample/Test: Optional

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: If less than 350 LB

Other Reports:
- Domestic Steel Certification Required
- M&T Form ER-02 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>200,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5

   | Owning Lab: | Physical Lab |
   | IA Type:    | None |

2. Steel Alloy - Version 5

   | Owning Lab: | Chemical Lab |
   | IA Type:    | None |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/17/2010  Performed By: rpace

Check In: Updated IA
Comment:
Reinforcing Steel, Epoxy Coated, Miscellaneous

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 04/07/2003
To Date: 09/23/2006

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB
Other Reports: Domestic Steel Certification Required
M&T Form ER-02 required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats
1. Epoxy Coated Reinforcing Steel Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: M&T Form ER-02 required
Comment:
Reinforcing Steel, Epoxy Coated, Miscellaneous

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
<th>Status:</th>
<th>History</th>
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<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>1.01</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>04/07/2003</td>
</tr>
<tr>
<td>Facility Type:</td>
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<td>To Date:</td>
<td>09/23/2006</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
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</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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Methods of Acceptance

<table>
<thead>
<tr>
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<th>Required</th>
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<tbody>
<tr>
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</tr>
<tr>
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<tr>
<td>Approved List:</td>
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<tr>
<td>Visual Inspection:</td>
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</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
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</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small Quantity:</td>
<td>✗ If less than 350 LB</td>
<td></td>
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</tr>
<tr>
<td>Other Reports:</td>
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<tr>
<td></td>
<td>M&amp;T Form ER-02 required</td>
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Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
If there is NO M&T 913 form: Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form: No samples required.
Note: Only the epoxy coating is pretested. The bars still need a 913 Form or need to be tested for strength as above.

Technician Certifications: (None)

Test Formats

1. Epoxy Coated Reinforcing Steel Test - Version 5
   | Owning Lab: Physical Lab | Metric/English Code: English |
   | IA Type: None            | Sample/Test Remarks:        |

2. Steel Alloy - Version 5
   | Owning Lab: Chemical Lab | Metric/English Code: Both   |
   | IA Type: None            | Sample/Test Remarks:        |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: M&T Form ER-02 required
Comment:
Reinforcing Steel, Plain

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB
Other Reports: Domestic Steel Certification Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>40,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>400,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If there is NO M&T 913 form:
Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form:
No project samples required. For IA, 1 sample per each size bar per each 400,000 lbs shipped.

Technician Certifications: (None)

Test Formats

1. Reinforcing Steel Test - Version 9

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Plain

**General**

<table>
<thead>
<tr>
<th>Group</th>
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<tbody>
<tr>
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<tr>
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<td>From Date</td>
<td>01/01/1999</td>
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<td>Facility Type</td>
<td>To Date</td>
<td>12/31/2075</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td></td>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Certification</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>Type</td>
<td>Responsibility</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Approved List</td>
<td>M&amp;T Lab</td>
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<tr>
<td>Visual Inspection</td>
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<td></td>
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<tr>
<td>Catalog Cut</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Inspection</td>
<td></td>
<td></td>
</tr>
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</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
<th>Sample Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>182,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
<td>If there is NO M&amp;T 913 form: Two - 750 mm samples, each size bar, each shipment. If there is a M&amp;T 913 form: No project samples required. For IA, Two - 30 inch samples per each size bar per each 182,000 kgs shipped.</td>
</tr>
<tr>
<td>Verification</td>
<td>18,200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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</tr>
</tbody>
</table>

**Technician Certifications:** (None)

**Test Formats**

1. Reinforcing Steel Test (Metric) - Version 2

**Owning Lab:** Physical Lab

**IA Type:** None

**Metric/English Code:** Metric

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/17/2016

**Performed By:** bhunter

**Check In:** Had to clarify 1 sample is two bars.

**Comment:**

---
# Reinforcing Steel, Plain

## General

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
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<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
<tr>
<td>Status</td>
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</tr>
<tr>
<td>Version</td>
<td>3.01</td>
</tr>
<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
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## Methods of Acceptance

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>If less than 150 Kg</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required</td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>182,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>18,200.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- If there is NO M&T 913 form:
  - Two - 750 mm samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No project samples required. For IA, 1 sample per each size bar per each 182,000 kgs shipped.

## Technician Certifications

- (None)

## Test Formats

1. **Reinforcing Steel Test (Metric) - Version 2**

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

### Note:

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date:
02/17/2010

### Performed By:
rpace

### Check In:
Updated IA

### Comment:

Reinforcing Steel, Plain

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: Required
Type
1: Certified Mill Test Report
(Non)e
(Non)e

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

☑ M&T 913 Report (Steel)

Small Quantity: ✓ If less than 350 LB
Other Reports: Domestic Steel Certification Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>IA - Non-comparative</td>
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<td>M&amp;T Lab</td>
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<td>Verification</td>
<td>40,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: If there is NO M&T 913 form:
Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form:
No project samples required. For IA, 1 sample per each size bar per each 400,000 lbs shipped.

Technician Certifications: (None)

Test Formats

1. Reinforcing Steel Test - Version 9

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/17/2010
Performed By: rpace
Check In Updated IA
Comment:
**Reinforcing Steel, Plain**

### General
- **Group:** Steel
- **Status:** Expired
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Version:** 2.00
- **Default Auth Lab:** Physical Lab
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | If less than 350 LB |

### Test Formats
1. **Reinforcing Steel Test - Version 9**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- If there is NO M&T 913 form:
  - Two - 30 inch samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No samples required.

**Technician Certifications:** (None)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** dgreene

**Check In:** Cause Amy wanted this way

**Comment:**
# Reinforcing Steel, Plain

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest          | N/A                                      |
| Alt ID Matching  | (None)                                   |
| Sample/Test      | Optional                                  |
| Approved List    | N/A                                      |
| Visual Inspection| N/A                                      |
| Catalog Cut      | N/A                                      |
| Field Inspection | N/A                                      |

| Small Quantity | If less than 350 LB                       |
| Other Reports   | Domestic Steel Certification Required; Pay Adj Required |

## Testing Requirements

**Sample Comment:**
- If there is NO M&T 913 form:
  - Two - 30 inch samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No samples required.

**Technician Certifications:** (None)

### Test Formats

1. Reinforcing Steel Test - Version 9

**Owning Lab:** Physical Lab  
**IA Type:** None  
**Metric/English Code:** English  
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** thwittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
# Reinforcing Steel, Plain

## General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **From Date:** 04/07/2003
- **Version:** 2.01
- **To Date:** 09/23/2006
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

## Methods of Acceptance
- **Certification:** Required
- **Responsibility**
  - 1: Certified Mill Test Report
    - Type: M&T 913 Report (Steel)
    - Facility Type: (None)
    - Material Receipt: (None)

## Testing Requirements
- **Test Category:** Reinforcing Steel Test (Metric) - Version 2
- **Sample Frequency:** 9,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

## Sample Comment:
- If there is NO M&T 913 form:
  - Two - 750 mm samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No samples required.

## Technician Certifications:
- None

## Test Formats
1. Reinforcing Steel Test (Metric) - Version 2

### Owning Lab:
- Physical Lab

### Metric/English Code:
- Metric

### IA Type:
- None

### Sample/Test Remarks:
- None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Reinforcing Steel, Plain (Metric) - changed Testing
**Comment:** Category to Verification.
 Reinforcing Steel, Plain

General

- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 150 Kg
- **Other Reports:** Domestic Steel Certification Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** If there is NO M&T 913 form:
  Two - 750 mm samples, each size bar, each shipment.
- **Technician Certifications:** (None)

Test Formats

1. Reinforcing Steel Test (Metric) - Version 2

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Reinforcing Steel, Plain**

**General**
- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Status:** History  
- **Version:** 2.00  
- **From Date:** 04/07/2003  
- **To Date:** 04/07/2003

**Methods of Acceptance**

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | If less than 150 Kg |
| Other Reports: | Domestic Steel Certification Required |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- If there is NO M&T 913 form: Two - 750 mm samples, each size bar, each shipment.
- If there is a M&T 913 form: No samples required.

**Technician Certifications:** (None)

**Test Formats**

1. **Reinforcing Steel Test (Metric) - Version 2**

| Owning Lab: | Physical Lab |
| IA Type:    | None         |

**Metric/English Code:** Metric

**Sample/Test Remarks:**
**Reinforcing Steel, Plain**

**General**
- **Group:** Steel  
- **Status:** History  
- **How Received:** Material Receipt  
- **Version:** 1.00  
- **Metric/English:** Metric  
- **From Date:** 05/15/1997  
- **To Date:** 12/11/1999  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** If less than 150 Kg  
- **Other Reports:** Domestic Steel Certification Required; Pay Adj Required

**Testing Requirements**
- **Sample Comment:** If there is NO M&T 913 form:
  - Two - 750 mm samples, each size bar, each shipment.  
  - If there is a M&T 913 form:
    - No samples required.  
- **Technician Certifications:** (None)

**Test Formats**
1. **Reinforcing Steel Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

**Certification:**
- **Required Type:**
  - **1:** Certified Mill Test Report  
  - **(None)**  
  - **(None)**  

**Responsibility**
- **M&T 913 Report (Steel)**  
- **Certification:** Required
  - **Type:**  
    - **M&T:** ☐  
    - **RE:** ☐  
    - **Both:** ☐

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Reinforcing Steel, Plain

#### General
- **Group:** Steel  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members  
- **Status:** History  
- **Version:** 1.01  
- **From Date:** 04/07/2003  
- **To Date:** 09/23/2006

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** Yes  
- **Other Reports:** Domestic Steel Certification Required

#### Testing Requirements
- **Verification**
  - **Sample Frequency:** 20,000.00  
  - **Sampling Responsibility:** Project Personnel  
  - **Testing Responsibility:** M&T Lab  
  - **Sample Comment:**
    - If there is NO M&T 913 form:
    - Two - 30 inch samples, each size bar, each shipment.  
    - If there is a M&T 913 form:
    - No samples required.  

  **Technician Certifications:** (None)

1. **Reinforcing Steel Test - Version 9**
   - **Owning Lab:** Physical Lab  
   - **Metric/English Code:** English  
   - **IA Type:** None  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Cause Amy wanted this way  
**Comment:**
# Minimum Sampling Guide - Reinforcing Steel, Plain

## General

- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** English
- **Status:** Current
- **Version:** 2.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 350 LB
- **Other Reports:** Domestic Steel Certification Required

### Testing Requirements

#### Test Category

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>40,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>400,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- If there is NO M&T 913 form:
  - Two - 30 inch samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No project samples required. For IA, Two - 30 inch samples per each size bar per each 400,000 lbs shipped.

### Technician Certifications:

- (None)

### Test Formats

1. Reinforcing Steel Test - Version 9

- **Owning Lab:** Physical Lab
- **Metric/English Code:** English
- **IA Type:** None
- **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/17/2016

**Performed By:** bhunter

**Comment:** Had to change 1 sample for IA to clarify that means 2 bars.
# Minimum Sampling Guide

## Reinforcing Steel, Plain, Miscellaneous

### General
- **Group:** Steel  
- **Status:** Current  
- **Version:** 2.02  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Facility Type
- **Facility Type:** (None)

### Default Auth Lab
- **Default Auth Lab:** Physical Lab

### Project Certification
- **Project Certification:** Non-Critical

### MSG Responsibility
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 350 LB

### Other Reports
- Domestic Steel Certification Required

### Testing Requirements

#### Test Category
- **Acceptance:** 20,000.00
- **Verification:** 200,000.00

#### Sample Frequency
- **Acceptance:** Project Personnel  
- **Verification:** M&T Field

#### Sampling Responsibility
- **Acceptance:** M&T Lab  
- **Verification:** M&T Lab

#### Testing Responsibility
- **Acceptance:** Project Personnel  
- **Verification:** M&T Field

#### Sample Comment:
- If there is NO M&T 913 form:  
  - Two - 30 inch samples, each size bar, each shipment.  
- If there is a M&T 913 form:  
  - No project samples required. For IA, 1 sample per each size bar per each 200,000 lbs shipped.

#### Technician Certifications
- (None)

### Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **Metric/English Code:** Both  
   - **IA Type:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
# Minimum Sampling Guide

## Reinforcing Steel, Plain, Miscellaneous

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group:</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
</tr>
<tr>
<td>Status:</td>
<td>Expired</td>
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<tr>
<td>Version:</td>
<td>2.00</td>
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<tr>
<td>From Date:</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest:        | N/A       |
| Alt ID Matching:| (None)    |
| Sample/Test:    | Optional  |
| Approved List:  | N/A       |
| Visual Inspection: | N/A     |
| Catalog Cut:    | N/A       |
| Field Inspection: | N/A     |
| Small Quantity: | If less than 350 LB |
| Other Reports:  | Domestic Steel Certification Required |

### Certification

<table>
<thead>
<tr>
<th>Certification:</th>
<th>Required</th>
</tr>
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<tbody>
<tr>
<td>Type:</td>
<td>M &amp;T</td>
</tr>
<tr>
<td>Responsibility</td>
<td>RE</td>
</tr>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:

- If there is NO M&T 913 form:
  - Two - 30 inch samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No samples required.

### Technician Certifications:

- (None)

### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **Metric/English Code:** Both
   - **IA Type:** None
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** dgreene  
**Check In:** Records only checks RE's certification  
**Comment:** None
Reinforcing Steel, Plain, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 07/18/2000 To Date: 07/19/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB
Other Reports: Domestic Steel Certification Required

Certification: Required
Type
Responsibility
1. Certified Mill Test Report
   M&T RE Both
   M&T RE Both
   M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: If there is NO M&T 913 form:
Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form:
No samples required.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

   Owner Lab: Chemical Lab
   IA Type: None

   Metric/English Code: Both

   Sample/Test Remarks:
Reinforcing Steel, Plain, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Yes If less than 350 LB
Other Reports: Domestic Steel Certification Required

Certification: Required
Type: M &T RE Both
Responsibility: 1: Certified Mill Test Report
(Reserved)
(Reserved)
M &T RE Both
M &T RE Both
M &T RE Both
M &T RE Both

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 20,000.00 Project Personnel M&T Lab

Sample Comment:
If there is NO M&T 913 form:
Two - 30 inch samples, each size bar.
If there is a M&T 913 form:
No samples required.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Plain, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 07/18/2000 To Date: 07/18/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB
Other Reports: Domestic Steel Certification Required

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

☑ M&T 913 Report (Steel)

Testing Requirements

Sample Comment: If there is NO M&T 913 form:
Two - 30 inch samples, each size bar.
If there is a M&T 913 form:
No samples required.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Plain, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ✓ If less than 350 LB

Other Reports:
- Domestic Steel Certification Required
- Domestic Steel Certification Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA - Non-comparative</td>
<td>90,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
- If there is NO M&T 913 form:
  - Two - 750 mm samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No project samples required. For IA, 1 sample per each size bar per each 90,000 kgs shipped.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both

   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Plain, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☑ If less than 350 LB
Other Reports: Domestic Steel Certification Required

Certification: Required
Responsibility
Type
1: Certified Mill Test Report
☐ M&T ☐ RE ☐ Both
(Nonen)
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

☑ M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
IA - Non-comparative 200,000.00 M&T Field M&T Lab
Verification 20,000.00 Project Personnel M&T Lab

Sample Comment:
If there is NO M&T 913 form:
Two - 30 inch samples, each size bar, each shipment.
If there is a M&T 913 form:
No project samples required. For IA, 1 sample per each size bar per each 200,000 lbs shipped.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/17/2010
Performed By: rpace
Check In: Updated IA
Comment:
# Reinforcing Steel, Plain, Miscellaneous

## General
- **Group:** Steel
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/07/2003
- **To Date:** 09/23/2006

## Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | If less than 350 LB |

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>9,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- If there is NO M&T 913 form:
  - Two - 30 inch samples, each size bar, each shipment.
- If there is a M&T 913 form:
  - No samples required.

**Technician Certifications:** (None)

## Test Formats

1. **Steel Alloy - Version 5**

   | Owning Lab: | Chemical Lab |
   | IA Type:    | None         |

   | Metric/English Code: | Both |
   | Sample/Test Remarks: | None |

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Records only checks RE's certification

**Comment:**
Reinforcing Steel, Plain, Miscellaneous

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tr>
<td>Group</td>
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<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
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Status: History

Version: 1.01

From Date: 04/07/2003  
To Date: 09/23/2006

Methods of Acceptance

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<th>Field</th>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td>If less than 350 LB</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required</td>
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</table>

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>20,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
If there is NO M&T 913 form:
Two - 30 inch samples, each size bar.
If there is a M&T 913 form:
No samples required.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Owning Lab</td>
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<tr>
<td>Sample/Test Remarks</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: Records only checks RE’s certification  
Comment: 
Reinforcing Steel, Plain, Miscellaneous

General

Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.02
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB
Other Reports: Domestic Steel Certification Required

Certification:

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Testing Requirements

Test Category           | Sample Frequency | Sampling Responsibility | Testing Responsibility |
-------------------------|------------------|-------------------------|------------------------|
IA - Non-comparative    | 90,000.00        | M&T Field               | M&T Lab                |
Verification             | 9,000.00         | Project Personnel       | M&T Lab                |

Sample Comment: If there is NO M&T 913 form:
Two - 750 mm samples, each size bar, each shipment.
If there is a M&T 913 form:
No project samples required. For IA, Two - 30 inch samples per each size bar per each 90,000 kgs shipped.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

   Owning Lab: Chemical Lab
   Metric/English Code: Both
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Stainless

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Reinforcing Steel - Stainless
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 1.00
From Date: 12/31/2013
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 350 LB

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

☑ M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verfication   | 20,000.00        | Project Personnel       | M&T Lab

Sample Comment: Must come to RE with the M&T. 913 and domestic certification required. For IA, 1 sample per each size bar per each 200,000 lbs shipped.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Reinforcing Steel, Wire Mesh

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

Status: Expired

Version: 2.00

From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Optional

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: N/A

Field Inspection: N/A

Small Quantity: ☑ If less than 25 Square Meters

Other Reports: Domestic Steel Certification Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One 1 meter by 1 meter sample for each shipment that does not include an M&T 913 form. If there is a 913 form, no sample required.

Technician Certifications: (None)

Test Formats

1. Test for Wire Mesh (Metric) - Version 2

Owning Lab: Physical Lab

IA Type: None

Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Reinforcing Steel, Wire Mesh

### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest         | N/A |
| Alt ID Matching | (None) |
| Sample/Test     | Optional |
| Approved List   | N/A |
| Visual Inspection | N/A |
| Catalog Cut     | N/A |
| Field Inspection | N/A |

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M &amp; T, RE, Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T, RE, Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T, RE, Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Small Quantity

- If less than 350 LB

### Other Reports

- Domestic Steel Certification Required

### Testing Requirements

- **Sample Comment:** One 1 meter by 1 meter sample for each shipment that does not include an M&T 913 form. If there is a 913 form, no sample required.

- **Technician Certifications:** (None)

### Test Formats

1. Test for Wire Mesh (Metric) - Version 2

   - **Owning Lab:** Physical Lab
   - **Metric/English Code:** Metric
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/10/2000

**Performed By:** rpace

**Check In:** In step changes

**Comment:**
Reinforcing Steel, Wire Mesh

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: If less than 250 Square Feet
Other Reports: Domestic Steel Certification Required

Testing Requirements

Test Category: Verification
Sample Frequency: 5,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: One 30 inch-square sample for each shipment that does not include an M&T 913 form. If there is a 913 form, no sample required.

Technician Certifications: (None)

Test Formats

1. Wire Mesh Reinforcement Test - Version 5

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: twhittington
Check In: Revised sample size.
Comment:
### Reinforcing Steel, Wire Mesh

**General**
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** English
- **Status:** History
- **Version:** 1.00
- **From Date:** 02/10/2000  
  **To Date:** 03/15/2000
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 350 LB
- **Other Reports:** Domestic Steel Certification Required

**Certification**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

**Testing Requirements**
- **Sample Comment:** One 4 foot by 4 foot sample for each shipment that does not include an M&T 913 form. If there is a 913 form, no sample required.
- **Technician Certifications:** (None)

**Test Formats**
1. Wire Mesh Reinforcement Test - Version 5
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/10/2000  
**Performed By:** rpace

**Check In:** In step changes  
**Comment:**
**Reinforcing Steel, Wire Mesh**

**General**

<table>
<thead>
<tr>
<th>Group:</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
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<tr>
<td>Metric/English:</td>
<td>English</td>
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<tr>
<td>Facility Type:</td>
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<td>Default Auth Lab:</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
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**Status:** Current

**Version:** 2.02

**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
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</tr>
<tr>
<td>Sample/Test:</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
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</tr>
</tbody>
</table>

**Small Quantity:**  If less than 250 Square Feet

**Other Reports:**  Domestic Steel Certification Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**  One 30 inch-square sample for each shipment that does not include an M&T 913 form.  If there is a 913 form, no sample required.

**Technician Certifications:**  (None)

**Test Formats**

1.  Wire Mesh Reinforcement Test - Version 5

   **Owning Lab:** Physical Lab  
   **IA Type:** None

   **Metric/English Code:** English

   **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 02/14/2013  
**Performed By:** rpace

**Check In:** NEW 2013 MSG

**Comment:** 
North Carolina Department of Transportation
Minimum Sampling Guide

Reinforcing Steel, Wire Mesh

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members
Status: Current
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☑ If less than 25 Square Meters
Other Reports: Domestic Steel Certification Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 500.00 Project Personnel M&T Lab

Sample Comment: One 1 meter by 1 meter sample for each shipment that does not include an M&T 913 form. If there is a 913 form, no sample required.

Technician Certifications: (None)

Test Formats
1. Test for Wire Mesh (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/17/2010
Performed By: rpace
Check In: Updated IA
Comment:
Reinforcing Steel, Wire Mesh

### General
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** If less than 250 Square Feet
- **Other Reports:** Domestic Steel Certification Required

#### Certification
- **Type:** Required
- **Responsibility**
  - 1: Certified Mill Test Report
    - M &T
    - RE
    - Both

### Testing Requirements
- **Test Category:** Wire Mesh Reinforcement Test - Version 5
- **Sample Frequency:** 5,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** One 30 inch-square sample for each shipment that does not include an M&T 913 form. If there is a 913 form, no sample required.
- **Technician Certifications:** (None)

### Test Formats
1. **Wire Mesh Reinforcement Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/17/2010

**Performed By:** rpace

**Check In:** Updated IA

**Comment:**
Reinforcing Steel, Wire Mesh

General

Group: Steel
How Received: Material Receipt
Metric/English: English

Status: History
Version: 1.01
From Date: 08/17/2001 To Date: 09/23/2006

Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □ If less than 250 Square Feet
Other Reports: Domestic Steel Certification Required

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>☑ M&amp;T ☐ RE ☐ Both</td>
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<td>(None)</td>
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<td>(None)</td>
<td>(None)</td>
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</table>

☑ M&T 913 Report (Steel)

Testing Requirements

Test Category: Verification
Sample Frequency: 5,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: One 30 inch-square sample for each shipment that does not include an M&T 913 form. If there is a 913 form, no sample required.

Technician Certifications: (None)

Test Formats

1. Wire Mesh Reinforcement Test - Version 5

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Resin Materials

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
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<tbody>
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<td>Version: 1.01</td>
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<td>Metric/English:</td>
<td>English</td>
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<tr>
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<td>Default Auth Lab:</td>
<td>Field Section</td>
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<td>Project Certification:</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
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</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
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<th>Certification: Required</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M &amp; T</td>
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<tr>
<td>Sample/Test:</td>
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<td>Approved List:</td>
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<tr>
<td>Visual Inspection:</td>
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<tr>
<td>Catalog Cut:</td>
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<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
<td>□</td>
<td>M &amp; T 913 Report (Steel)</td>
</tr>
<tr>
<td>Other Reports:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment: (None)

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Resin Materials

General
- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Status: Expired
Version: 1.00
From Date: 08/04/2009 To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports:

Certification: Required
Type: 
Responsibility:
- 3: Manufacturer's Certification
  - (None)
- M&T
- RE
- Both

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M&amp;T Lab</td>
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</table>

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/04/2009
Performed By: rpace
Check In: New Materials Type
Comment:
### Rest Area Materials

#### General
- **Group:** Landscape
- **Status:** Correcting
- **Version:** 3.01
- **From Date:** 01/01/1999  To Date: 12/31/2075
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No Samples
- **Other Reports:** Prepayment Invoice Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 02/22/2012  Performed By: dimiller  Check In Comment:*
## Rest Area Materials

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Item</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Optional</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements
- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
</tbody>
</table>

### Notes
- Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Check In:** NEW 2013 MSG
**Action Date:** 02/14/2013
**Performed By:** rpace
**Comment:**
Rest Area Materials

General
Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: Current
Version: 3.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No Samples
Other Reports: Prepayment Invoice Required

Certification: Required
Type
6: Supplier's Certification
(Non)
(Non)

Responsibility
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Rest Area Materials

General
Group: Landscape
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 2.00
From Date: 04/14/2004 To Date: 04/14/2004

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: Required Type
6: Supplier's Certification
    (None) M & T RE Both
    (None) M & T RE Both
    M & T RE Both
Responsibility

M & T 913 Report (Steel)

Testing Requirements
Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004 Performed By: fmooody
Check In: Rest Area Materials (Metric) Changed Catalog Cuts to Required.
### Rest Area Materials

#### General

- **Group:** Landscape
- **Status:** History
- **Version:** 1.00
- **From Date:** 10/15/1997
- **To Date:** 12/11/1999

- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

#### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]

#### Testing Requirements

- **Sample Comment:** Prepayment Invoice Required; Pay Adj Required

**Technician Certifications:** (None)

### Note

Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Rest Area Materials

General
Group: Landscape
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: Expired
Version: 3.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No Samples
Other Reports: Prepayment Invoice Required

Certification: Required
Type

<table>
<thead>
<tr>
<th>Responsibility</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T RE Both</td>
<td></td>
</tr>
</tbody>
</table>

6: Supplier's Certification
| (None) | M&T RE Both |

M&T 913 Report (Steel)

Testing Requirements
Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In: Rest Area Materials (English) - Changed How Received to Not Received.
Rest Area Materials

General

- Group: Landscape
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: No Samples
- Other Reports: Prepayment Invoice Required

Testing Requirements

- Sample Comment: No Samples
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification:

- Required
- Type
- Responsibility

- 6: Supplier's Certification
  - (None)

- M&T 913 Report (Steel)
Rest Area Materials

General
- Group: Landscape
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Minor
- MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.00
From Date: 10/15/1997  To Date: 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements
- Sample Comment: 
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Rest Area Materials

General

Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No Samples
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples

Certification: Required

- Type

- Responsibility

- M&T 913 Report (Steel)
Rest Area Materials

General

Group: Landscape  Status: History
How Received: Not Received  Version: 2.01
Metric/English: English  From Date: 04/19/2004  To Date: 09/23/2006
Facility Type: (None)  Project Certification: Minor
Default Auth Lab: Field Section  MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type: 6: Supplier's Certification
Sample/Test: N/A  (None)
Approved List: N/A  (None) M &T RE Both
Visual Inspection: Optional  ☐ M&T 913 Report (Steel)
Catalog Cut: Required  ☐ M&T 913 Report (Steel)
Field Inspection: N/A  ☐ M&T 913 Report (Steel)
Small Quantity: ☐  ☐ M&T 913 Report (Steel)
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples  Performing Actions: Action Date: 11/15/2006  Action Date: 11/15/2006
Technician Certifications: (None)  Performing By: conv

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Rest Area Materials

General

Group: Buildings

Status: Current

From Date: 01/01/1999

How Received: Material Receipt

To Date: 12/31/2075

Metric/English: English

Version: 3.02

Facility Type: (None)

Default Auth Lab: Field Section

Default From Date: 01/01/1999

Project Certification: Non-Critical

To Date: 12/31/2075

MSG Responsibility: Roadside Environmental Traffic Engineering

Pretest: N/A

Methods of Acceptance

Alt ID Matching: (None)

Certification: N/A

Sample/Test: N/A

Type

N/A

Approved List: N/A

Responsibility

Visual Inspection: Optional

Catalog Cut: Required

Catalog Cut Type

Field Inspection: N/A

M &T

Small Quantity:  

Both

Other Reports: Prepayment Invoice Required

Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples

Responsibility

Technician Certifications: (None)
Rest Area Materials

General
- Group: Landscape
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Minor
- MSG Responsibility: Roadside Environmental Traffic Engineering

Status:
- History

Version:
- 1.00

From Date:
- 10/15/1997

To Date:
- 12/11/1999

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification:
- Required
  - Type
  - Responsibility
  - M&T 913 Report (Steel)

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Rest Area Materials (Each)

**General**
- Group: Landscape
- Status: History
- How Received: Not Received
- Version: 2.01
- Metric/English: Both
- From Date: 04/19/2004
- To Date: 09/23/2006
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Roadside Environmental Traffic Engineering

**Methods of Acceptance**
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: Required
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Prepayment Invoice Required

**Certification**

<table>
<thead>
<tr>
<th>Certification Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer's Certification</td>
<td>Both</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

**Testing Requirements**
- Sample Comment: No Samples
- Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Rest Area Materials (Each) - Changed How Received to Not Received.
### Rest Area Materials (Each)

#### General
- **Group:** Landscape
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 3.00
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Project Certification:** Minor
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No Samples
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Rest Area Materials (Each) - Changed How Received to Not Received.
Rest Area Materials (Each)

### General
- **Group:** Landscape  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Minor  
- **MSG Responsibility:** Roadside Environmental Traffic Engineering  
- **Status:** History  
- **Version:** 2.00  
- **From Date:** 04/14/2004  
- **To Date:** 04/14/2004  

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | Optional |
| Catalog Cut: | Required |
| Field Inspection: | N/A |

### Small Quantity:
- No Samples

### Other Reports:
- Prepayment Invoice Required

### Testing Requirements

- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/14/2004  
**Performed By:** fmoody  
**Check In:** Rest Area Materials (Each) Changed Catalog Cuts to Required.
Rest Area Materials (Each)

General
Group: Buildings
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No Samples
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
# Minimum Sampling Guide

## Rest Area Materials (Each)

### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Landscape</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
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</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Roadside Environmental Traffic Engineering</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- [ ] M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
Rest Area Materials (Lump Sum)

General

Group: Landscape
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: Expired
Version: 2.01
From Date: 01/01/1999   To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013   Performed By: rpace
Check In: New 2013 MSG
Comment:
Rest Area Materials (Lump Sum)

General

- **Group:** Landscape  
- **How Received:** Not Received  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Minor  
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Optional  
- **Catalog Cut:** Required  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>6: Supplier’s Certification</td>
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<td>(None)</td>
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<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>Yes</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements

- **Sample Comment:** No Samples  
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Rest Area Materials (Lump Sum)

General

Group: Landscape
How Received: Material Receipt
Metric/English: Both
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.00
From Date: 04/14/2004 To Date: 04/14/2004

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No Samples
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: No Samples
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Certification: Required
Type

<table>
<thead>
<tr>
<th>Certification</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
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</tbody>
</table>

Action Date: 04/14/2004
Performed By: fmoody
Check In: Rest Area Materials (Lump Sum) Changed Catalog Cuts to Required.
## Rest Area Materials (Lump Sum)

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
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<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Roadside Environmental Traffic Engineering</td>
</tr>
<tr>
<td>From Date</td>
<td>04/19/2004</td>
</tr>
<tr>
<td>To Date</td>
<td>09/23/2006</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
<td>Optional</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
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<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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### Certification

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
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<tr>
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<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>☑</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>No Samples</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Rest Area Materials (Lump Sum) - Changed How Received to Not Received.

Comment: Received to Not Received.
## Rest Area Materials (Lump Sum)

### General
- **Group:** Buildings
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No Samples
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** No Samples
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013 **Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**

---

**Certification:**

<table>
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<tr>
<th>Type</th>
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<tbody>
<tr>
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<td>RE</td>
</tr>
<tr>
<td>Buy America</td>
<td>M &amp; T</td>
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<tr>
<td>(None)</td>
<td>M &amp; T</td>
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</tbody>
</table>

- **M & T 913 Report (Steel)**
Retaining Wall Materials

**General**

- **Group:** Concrete  
- **Status:** Expired  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Version:** 2.01  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Facility Type:** (None)  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Field Section

### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required

### Certification

- **Certification:** Required
- **Type:**
- **Responsibility:**
  - M&T ☐ RE ☐ Both  
  - M&T ☐ RE ☐ Both  
  - M&T ☐ RE ☐ Both
- □ M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:**  
- **Technician Certifications:** (None)

### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:**  
**Comment:** NEW 2013 MSG
Retaining Wall Materials

General

Group: Concrete  Status: Correcting
How Received: Material Receipt  Version: 2.01
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)  Default Auth Lab: Field Section
Project Certification: Non-Critical  MSG Responsibility: Design Services

Methods of Acceptance

Pretest: N/A  Alt ID Matching: (None)
Sample/Test: Required  Approved List: N/A
Visual Inspection: Required  Catalog Cut: N/A
Field Inspection: N/A  Small Quantity: 
Other Reports: Domestic Steel Certification Required; Shop Drawing Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy_ - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Action Date: 02/01/2012  Performed By: dimiller
Check In
Comment:
Retaining Wall Materials

General

Group: Concrete  Status: Expired
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Design Services

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A

Certification: Required

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>Buy America (None)</td>
<td>M&amp;T RE Both</td>
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</tbody>
</table>

Sample/Test Remarks: None

Other Reports: Domestic Steel Certification Required; Shop Drawing Required

Testing Requirements

<table>
<thead>
<tr>
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<td>Acceptance</td>
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<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Pull-Out Test to be performed.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   
   IA Type: None
   
   Metric/English Code: Both
   
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   
   IA Type: None
   
   Metric/English Code: Both
   
   Sample/Test Remarks:
Retaining Wall Materials

General
- **Group:** Precast
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.02
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required

Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Certification:
- Required
- **Type:**
  - 1: Certified Mill Test Report
  - Buy America
  - (None)

Responsibility
- M&T
- RE
- Both

Check In: New MSG 2013
Action Date: 02/28/2013
Performed By: rpace
Comment:
Retaining Wall Materials

General

- **Group**: Concrete
- **How Received**: Material Receipt
- **Metric/English**: Metric
- **Facility Type**: (None)
- **Default Auth Lab**: Field Section
- **Project Certification**: Non-Critical
- **MSG Responsibility**: Design Services
- **Status**: Current
- **Version**: 2.00
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required; Shop Drawing Required</td>
</tr>
</tbody>
</table>

Certification: Required

- **Type**: Required
- **Responsibility**:
  - M&T: ☰
  - RE: ☐
  - Both: ☐

- **Type**: Required
  - (None)
  - M&T: ☰
  - RE: ☐
  - Both: ☐

  - ☐ M&T 913 Report (Steel)

Testing Requirements

**Sample Comment:**

- **Technician Certifications**: (None)

Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

2. **Steel Alloy_ - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Retaining Wall Materials

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric

Status: History
Version: 1.00
From Date: 05/06/1997 To Date: 12/11/1999

Non-Critical Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:
Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Steel Alloy_ - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/06/1997
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Retaining Wall Materials

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Design Services</td>
</tr>
</tbody>
</table>

Status: Expired

Version: 2.00

From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
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<tbody>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
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<tr>
<td>Other Reports</td>
<td>Domestic Steel Certification Required; Shop Drawing Required</td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None            |

   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None            |

   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performing By: v5conv
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Retaining Wall Materials

General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/06/1997
- **To Date:** 12/11/1999

Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

- **Small Quantity:** 
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Retaining Wall Materials

General

Group: Concrete Status: Expired
How Received: Material Receipt Version: 2.00
Metric/English: Both From Date: 01/01/1999 To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Design Services

Methods of Acceptance

Pretest: N/A Certification: Required
Alt ID Matching: (None) Type
Sample/Test: Required Responsibility
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: Domestic Steel Certification Required; Shop Drawing Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab

Sample Comment: Pull-Out Test to be performed.
Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab Metric/English Code: Both
   IA Type: None Sample/Test Remarks:

2. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab Metric/English Code: Both
   IA Type: None Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999 Performed By: v5conv
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Retaining Wall Materials

## General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/06/1997
- **To Date:** 12/11/1999

## Methods of Acceptance

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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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</table>

Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>☺ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>☺ M&amp;T ○ RE ○ Both</td>
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<tr>
<td>(None)</td>
<td>☺ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

| Technician Certifications | (None) |

## Testing Requirements

### Sample Comment:

**Technician Certifications:** (None)

### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**
   - **Check In:** Archive data come from Minimum Sampling Guide on v3.0
   - **Action Date:** 05/06/1997
   - **Performed By:** twittington
   - **Comment:** Production db

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**
Retaining Wall Materials

## General
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 2.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

## Methods of Acceptance
<table>
<thead>
<tr>
<th>Pretest</th>
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<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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<td>Required</td>
<td>N/A</td>
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</table>

### Certification
- **Required Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both

### Sample/Test Remarks:
- None

## Testing Requirements
- **Sample Comment:** (None)

## Test Formats
1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Action Date:** 05/06/2014  
**Performed By:** rpace

**Check In:** changed group from precast to miscellaneous

**Comment:**
Retaining Wall Materials

General

<table>
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<th>Field</th>
<th>Steel</th>
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<th>Version:</th>
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<tbody>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date:</td>
<td>01/01/1999</td>
<td>To Date:</td>
<td>12/31/2075</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Facility Type</th>
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<th>Default Auth Lab:</th>
<th>Field Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td>MSG Responsibility:</td>
<td>Design Services</td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
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<th>Required Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>M&amp;T RE Both</td>
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<tr>
<td>Sample/Test</td>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Approved List</td>
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<td>M&amp;T RE Both</td>
</tr>
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<td>Visual Inspection</td>
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<td>M&amp;T RE Both</td>
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<tr>
<td>Catalog Cut</td>
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<td>M&amp;T RE Both</td>
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<tr>
<td>Field Inspection</td>
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<td></td>
<td>M&amp;T RE Both</td>
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</table>

Small Quantity: [ ]
Other Reports: Domestic Steel Certification Required; Shop Drawing Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Pull-Out Test to be performed.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Steel Alloy_ - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:
# Minimum Sampling Guide

## Retaining Wall, Doublewall Modular Unit

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Precast Concrete
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Design Services

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** Match Alt ID/Match from Sample
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Daily Plant Inspector's Report; Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
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</table>

- **Certification:** M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** 1 set of cylinders per day of operations, per strength requirements.
- **Technician Certifications:** (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** v5conv

**Check In:** In step changes

**Comment:** None
Retaining Wall, Doublewall Modular Unit

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Design Services

Status: Archive
Version: 2.00
From Date: 07/07/2012
To Date: 07/07/2012

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: None

Action Date: 07/06/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Retaining Wall, Hilfiker RSE Wall

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Concrete</th>
<th>Status</th>
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<tbody>
<tr>
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<td>Metric/English</td>
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<td>Facility Type</td>
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<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Field Section</td>
<td>To Date</td>
<td>07/06/2012</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Design Services</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: Match Alt ID/Match from Sample
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>(None)</td>
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<tr>
<td>(None)</td>
<td>Both</td>
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<tr>
<td>(None)</td>
<td>M&amp;T</td>
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</table>

Field Section Miscellaneous Test - Version 3

- Owner Lab: Field Section
- IA Type: None
- Metric/English Code: Both
- Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: In step changes
Comment:
Retaining Wall, Hilfiker RSE Wall

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
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<tr>
<td>Default Auth Lab:</td>
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<td>Project Certification:</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Design Services</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:          | Required                  |
| Alt ID Matching:  | Match Alt ID/Match from Sample |
| Sample/Test:      | N/A                       |
| Approved List:    | N/A                       |
| Visual Inspection:| Required                  |
| Catalog Cut:      | N/A                       |
| Field Inspection: | N/A                       |
| Small Quantity:   | ☐                         |
| Other Reports:    | Daily Plant Inspector's Report; Prepayment Invoice Required |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
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<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</table>

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

   | IA Type: None |
   | Metric/English Code: Both |

Action Date: 07/06/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
Retaining Wall, Permanent Anchored Wall

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Design Services

Status: Archive
Version: 1.00
From Date: 01/01/1999
To Date: 07/06/2012

Methods of Acceptance
Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ❑

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 999,999.00 | M&T Field | M&T Field

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v6conv
Check In: In step changes
Comment:
Retaining Wall, Permanent Anchored Wall

General

Group: Concrete  Status: Archive
How Received: Material Receipt
Metric/English: Both
Facility Type: Precast Concrete
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Design Services

From Date: 07/07/2012  To Date: 07/07/2012

Methods of Acceptance

Pretest: Required
Alt ID Matching: Match Alt ID/Match from Sample
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A

Certification: N/A
Responsibility

Type

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</tbody>
</table>

M&T 913 Report (Steel)

Other Reports: Daily Plant Inspector's Report; Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  999,999.00  M&T Field  M&T Field

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Action Date: 07/06/2012  Performed By: rpace
Check In  rkp; [ARCHIVE] rkp
Comment:
Retaining Wall, Reinforced Earth Wall

General

Group: Concrete Status: Archive
How Received: Material Receipt Version: 1.00
Metric/English: Both From Date: 01/01/1999 To Date: 07/06/2012
Facility Type: (None)

Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Design Services

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional

Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: 

Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 Project Personnel Project Personnel

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Retaining Wall, Reinforced Earth Wall

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Design Services

Status: Archive
Version: 2.00
From Date: 07/07/2012 To Date: 07/07/2012

Certification: N/A
Type
Responsibility
(\(\text{M\&T}\) \(\text{RE}\) \(\text{Both}\)
(\(\text{M\&T}\) \(\text{RE}\) \(\text{Both}\)
(\(\text{M\&T}\) \(\text{RE}\) \(\text{Both}\)

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 Project Personnel Project Personnel

Sample Comment: 1 set of cylinders per day of operations, per strength requirements.

Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Action Date: 07/06/2012
Performed By: rpace
Check In: rkp; [ARCHIVE] rkp
Comment:
# Rock Embankment (Cubic Meters)

## General
- **Group:** Soils
- **Status:** History
- **Version:** 2.01
- **From Date:** 09/22/2005 **To Date:** 09/23/2006
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance

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## Testing Requirements
- **Sample Comment:** IA - One comparative test per 40,000 m3.
- **Technician Certifications:** (None)

---

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Rock Embankment (Cubic Meters) changed Project Certification from Non-Critical to Critical.
## Rock Embankment (Cubic Meters)

### General

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### Methods of Acceptance

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- ☐ M&T 913 Report (Steel)

### Testing Requirements

<table>
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<tr>
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<tbody>
<tr>
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Action Date: 01/01/1999  Performed By: fmoody
Check In: Rock Embankment (Cubic Meters) changed Project
Comment: Certification from Non-Critical to Critical.
# Rock Embankment (Cubic Meters)

## General
- **Group:** Soils
- **Status:** History
- **Version:** 2.00
- **From Date:** 05/14/2004  
  **To Date:** 05/14/2004
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance

<table>
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**Certification:** N/A  
**Type:** N/A  
**Responsibility:**

- (None)  
- (None)  
- (None)

- □ M&T 913 Report (Steel)

## Testing Requirements
- **Sample Comment:** IA - One comparative test per 40,000 m³.
- **Technician Certifications:** (None)

---

**Action Date:** 05/14/2004  
**Performed By:** fmoody

**Check In:** Rock Embankment (Cubic Meters) - Changed How  
**Comment:** Received from Pay Record to Not Received.
# Rock Embankment (Cubic Meters)

**General**

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<tr>
<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
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**Methods of Acceptance**

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<td>Catalog Cut</td>
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**Certification**

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- □ M&T 913 Report (Steel)

**Testing Requirements**

<table>
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<tr>
<th>Sample Comment</th>
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<tr>
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Rock Embankment (Cubic Yards)

**General**

- **Group:** Soils
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Certification:** N/A

- **Type:**
  - (None)
  - (None)
  - (None)

- **Responsibility**
  - M&T
  - RE
  - Both

- □ M&T 913 Report (Steel)

**Testing Requirements**

- **Sample Comment:** IA - One comparative test per 50,000 yd3.
- **Technician Certifications:** (None)

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In** Rock Embankment (Cubic Yards) - Changed How
**Comment:** Received from Pay Record to Not Received.
# Minimum Sampling Guide

## Rock Embankment (Cubic Yards)

### General
- **Group:** Grading
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** IA - One comparative test per 50,000 yd³.
- **Technician Certifications:** (None)

### Certification
- **Type:** N/A

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- **Certification:** [ ] M&T 913 Report (Steel)

---

**Action Date:** 02/28/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
Rock Embankment (Cubic Yards)

**General**

- **Group:** Soils
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Status:** Expired

**Version:** 3.01

**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Certification:** N/A

- **Type:**
  - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

**Testing Requirements**

- **Sample Comment:** IA - One comparative test per 50,000 yd3.
- **Technician Certifications:** (None)
**General**

- **Group:** Soils
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Certification:** N/A

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<tbody>
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- □ M&T 913 Report (Steel)

**Testing Requirements**

- **Sample Comment:** IA - One comparative test per 50,000 yd³.
- **Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Rock Embankment (Cubic Yards) - Changed How

**Comment:** Received from Pay Record to Not Received.
Rock Embankment (Cubic Yards)

General

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Methods of Acceptance

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Testing Requirements

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Action Date: 04/14/2004  Performed By: fmoodys
Check In: Rock Embankment (Cubic Yards) - Changed Project Cert
Comment: Code from Non-Critical to Critical.
## Rock Embankment (Cubic Yards)

### General

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### Methods of Acceptance

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**Other Reports:** Prepayment Invoice Required

### Testing Requirements

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<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>IA - One comparative test per 50,000 yd3.</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

**Certification:** M&T 913 Report (Steel)

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
Rock Embankment (Metric Tons)

**General**
- **Group:** Soils
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

**Certification:**
- **Type:** N/A
- **Responsibility:**
  - (None)
  - M&T
  - RE
  - Both

- **Action Date:** 11/15/2006
- **Performed By:** conv
- **Check In:** Rock Embankment (Metric Tons) changed Project Certification from Non-Critical to Critical.
- **Comment:** Certification from Non-Critical to Critical.
Rock Embankment (Metric Tons)

General

- Group: Soils
- Status: Current
- How Received: Not Received
- Version: 2.00
- Metric/English: Metric
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Prepayment Invoice Required

Testing Requirements

- Sample Comment:
- Technician Certifications: (None)
- Certification: N/A
- Type
- Responsibility
  - (None)
  - (None)
  - (None)
- M&T 913 Report (Steel)

Action Date: 01/01/1999
Performed By: fmoody
Check In: Rock Embankment (Metric Tons) changed Project
Comment: Certification from Non-Critical to Critical.
### Rock Embankment (Metric Tons)

#### General
- **Group:** Soils
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pretest:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Alt ID Matching:</strong></td>
<td>(None)</td>
</tr>
<tr>
<td><strong>Sample/Test:</strong></td>
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</tr>
<tr>
<td><strong>Approved List:</strong></td>
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<td><strong>Visual Inspection:</strong></td>
<td>Required</td>
</tr>
<tr>
<td><strong>Catalog Cut:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Field Inspection:</strong></td>
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</tr>
<tr>
<td><strong>Small Quantity:</strong></td>
<td>✗</td>
</tr>
<tr>
<td><strong>Other Reports:</strong></td>
<td>Prepayment Invoice Required</td>
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#### Certification

<table>
<thead>
<tr>
<th>Modal Number</th>
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<tbody>
<tr>
<td>(None)</td>
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<td>N/A</td>
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<tr>
<td>(None)</td>
<td>(None)</td>
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<tr>
<td>(None)</td>
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<tr>
<td>M &amp; T</td>
<td>M &amp; T</td>
<td>M &amp; T</td>
</tr>
<tr>
<td>RE</td>
<td>RE</td>
<td>RE</td>
</tr>
<tr>
<td>Both</td>
<td>Both</td>
<td>Both</td>
</tr>
</tbody>
</table>

#### Testing Requirements
- **Sample Comment:** Rock Embankment (Metric Tons) - Changed How Received from Pay Record to Not Received.
- **Technician Certifications:** (None)

---

**Action Date:** 05/14/2004
**Performed By:** fmoody
**Check In:** Rock Embankment (Metric Tons) - Changed How Received from Pay Record to Not Received.
### General
- **Group:** Soils
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- □ M&T 913 Report (Steel)

### Action Date
- **11/15/2006**

### Performed By
- **conv**

### Check In
- Rock Embankment (Tons) - Changed How Received from Pay Record to Not Received.
Rock Embankment (Tons)

General

Group: Grading
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment: New MSG 2013
Technician Certifications: (None)

Certification: N/A
Type
( None )
( None )
( None )

Responsibility

M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
# Rock Embankment (Tons)

## General

- **Group:** Soils
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075

- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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## Certification

<table>
<thead>
<tr>
<th>Certification</th>
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<tbody>
<tr>
<td>Type</td>
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<table>
<thead>
<tr>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;T</td>
</tr>
<tr>
<td>M&amp;T</td>
</tr>
<tr>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- □ M&T 913 Report (Steel)

## Testing Requirements

- **Sample Comment:**

- **Technician Certifications:** (None)

---

**New MSG 2013**

**Performed By:** rpace

**Check In:** NEW MSG 2013

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Rock Embankment (Tons)

General
Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Certification: N/A
Type
(None)
(None)
(None)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Action Date: 01/01/1999
Performed By: fmoody
Check In: Rock Embankment (Tons) - Changed How Received from Pay Record to Not Received.
Comment: Pay Record to Not Received.
Rock Embankment (Tons)

General
- Group: Soils
- How Received: Ticket
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Method of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Sample Comment: Rock Embankment (Tons) - Changed Project Cert Code from Non Critical to Critical.
- Technician Certifications: (None)

Certification Type: N/A
Responsibility:
- (None) M&T RE Both
- (None) M&T RE Both
- (None) M&T RE Both

Action Date: 04/14/2004
Performed By: fmoody
Check In: Rock Embankment (Tons) - Changed Project Cert Code
Comment: from Non Critical to Critical.
### Rock, Acid Producing

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Landscape</th>
<th>Status</th>
<th>Archive</th>
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<tbody>
<tr>
<td>How Received</td>
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<td>Metric/English</td>
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<td>From Date</td>
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<tr>
<td>Facility Type</td>
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<td>To Date</td>
<td>07/07/2012</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<td></td>
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<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
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**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
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</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Testing Performed in Asheville Materials and Tests Laboratory; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Sample Comment</th>
<th>One zip lock bag of approximately 100 grams (3.0 oz) of sample per 5 feet of drill depth.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
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</table>

**Test Formats**

1. Acid-Producing Rock • Version 4

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Chemical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
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</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Rock, Acid Producing

General
Group: Landscape
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Archive
Version: 1.00
From Date: 01/01/1999  To Date: 07/06/2012

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:
Testing Performed in Asheville Materials and Tests Laboratory; Prepayment Invoice Required

Testing Requirements
Sample Comment:
One zip lock bag of approximately 100 grams (3.0 oz) of sample per 5 feet of drill depth.

Technician Certifications:
(Non

Test Formats
1. Acid-Producing Rock - Version 4

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Sealing Abandoned Wells

**General**

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
<th>Status:</th>
<th>Archive</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
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<td>Version:</td>
<td>2.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
<td>From Date:</td>
<td>07/07/2012</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>07/07/2012</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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<td>Project Certification:</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>Physical Lab</td>
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**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest:</th>
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<th>Certification:</th>
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<tbody>
<tr>
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<td>Type</td>
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<tr>
<td>Sample/Test:</td>
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<tr>
<td>Approved List:</td>
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<td>M&amp;T RE Both</td>
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</tr>
<tr>
<td>Visual Inspection:</td>
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<td>M&amp;T RE Both</td>
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<tr>
<td>Catalog Cut:</td>
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<td>M&amp;T RE Both</td>
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</tr>
<tr>
<td>Field Inspection:</td>
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<td>M&amp;T RE Both</td>
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</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Certified well abandonment record (form GW30).</td>
<td></td>
<td></td>
</tr>
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</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Sample frequency will depend on material being used. Items can be brick or block, sand, clay and grout. See appropriate materials for frequency. Specification reference is Section 205.

Technician Certifications: (None)
# Sealing Abandoned Wells

## General
- **Group:** Miscellaneous
- **Status:** Archive
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 07/06/2012
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Optional</td>
<td>N/A</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>□</td>
<td>Certified well abandonment record (form GW30).</td>
</tr>
</tbody>
</table>

## Certification
- **Type:** N/A
- **Responsibility:**
  - (None)
  - M&T
  - RE
  - Both

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample Comment</th>
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<tbody>
<tr>
<td>Sample frequency will depend on material being used. Items can be brick or block, sand, clay and grout. See appropriate materials for frequency. Specification reference is Section 205.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Technician Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
</tr>
</tbody>
</table>

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Sealing Abandoned Wells (Both) - Changed How Received  
**Comment:** to Not Received.
Seed

General
Group: Landscape
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Correcting
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Tags attached to seed bags to be checked on computer.

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 100,000,000.00 M&T Field M&T Field

Sample Comment: One sample per lot.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
# Seed

## General
- **Group:** Landscape  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Field Section  

### Methods of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** No  
- **Other Reports:** Tags attached to seed bags to be checked on computer.

## Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**  
| Verification | 1,000,000.00 | M&T Field | M&T Field |

**Sample Comment:** One sample per lot.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
Seed

General

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

Methods of Acceptance

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Tags attached to seed bags to be checked on computer.

Testing Requirements

- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Verification | 100,000,000.00 | M&T Field | M&T Field
- **Sample Comment:** One sample per lot.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Seed (English) - changed Default Authorizing Lab to Field,  
**Comment:** added Test Category- Verification to material.
Seed

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Tags attached to seed bags to be checked on computer.; Pay Adj Required

Certification: N/A
Type: (None)
Responsibility: M&T RE Both

Testing Requirements
Sample Comment: One sample per lot.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Seed

#### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- **Small Quantity:**
- **Other Reports:** Tags attached to seed bags to be checked on computer.

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One sample per lot.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In** Seed (Merric) - changed Default Authorizing Lab to Field, added Test Category: Verification to material.
Seed

General

Group: Landscape  Status: Current
How Received: Material Receipt  Version: 2.00
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: N/A

Responsibility
(No)
M&T  ○ RE  ○ Both
M&T  ○ RE  ○ Both
M&T  ○ RE  ○ Both
M&T  ○ RE  ○ Both

Other Reports: Tags attached to seed bags to be checked on computer.

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  100,000,000.00  M&T Field  M&T Field

Sample Comment: One sample per lot.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Seed

## General

<table>
<thead>
<tr>
<th>Field Section</th>
<th>Status: History</th>
<th>Version: 1.00</th>
<th>From Date: 05/15/1997</th>
<th>To Date: 12/11/1999</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape</td>
<td>Material Receipt</td>
<td>Metric</td>
<td>Field Section</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>(None)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>Required</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
<td>(None)</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td>(None)</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Tags attached to seed bags to be checked on computer; Pay Adj Required</td>
<td></td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>One sample per lot.</td>
<td>N/A</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
<td>(None)</td>
</tr>
</tbody>
</table>

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 05/15/1997  
**Performed By:** twhillington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
**Seed**

**General**
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Status:** History  
**Version:** 1.01  
**From Date:** 10/03/2005  
**To Date:** 09/23/2006

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Tags attached to seed bags to be checked on computer.

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>100,000,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample per lot.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Seed (English) - changed Default Authorizing Lab to Field,  
**Comment:** added Test Category- Verification to material.
## Select Material, Class I

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

**Small Quantity:**
- Density Report Required if used for Backfill - Conventional Density M&T 504 or Nuclear Density M&T 514N

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Samples Required per "Borrow Pit Sampling Manual." Sample size is 5-8 lbs. Sample Frequency is minimum of 2 borings per acre.

**IA - One comparative test per 50,000 yd3.**

### Technician Certifications:
- (None)

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
## Test Formats

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

4. **Soils for Quality - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 02/14/2013  
Performed By: rpace  
Check In: NEW 2013 MSG  
Comment:*
**Select Material, Class I**

**General**

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Select Materials</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:  
Samples Required per "Borrow Pit Sampling Manual." Sample size is 5-8 lbs. Sample Frequency is minimum of 2 borings per acre. IA - One comparative test per 50,000 yd3.

**Technician Certifications:**  
(None)

**Test Formats**

1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Conventional Density Test 1-A - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
Test Formats

3. Soils for Quality - Version 4  
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

4. Soils for Quality - Version 14  
   
   **Owning Lab:** Soils Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
Select Material, Class I

General

Group: Soils
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Density Report Required if used for Backfill

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 999,999.00 Project Personnel M&T Lab

Sample Comment: Minimum of 2 test borings per acre. IA - One comparative test per 50,000 yd3.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:
2. Conventional Density Test 1-A - Version 1
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Select Materials, Class I - English - Changed How
Comment: Received from Pay Record to Not Received.
<table>
<thead>
<tr>
<th>Test Formats</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Soils for Quality - Version 4</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Owning Lab: Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Soils for Quality - Version 14</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>Owning Lab: Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Select Materials, Class I - English - Changed How  
**Comment:** Received from Pay Record to Not Received.
## Select Material, Class I

### General
- **Group:** Soils  
- **How Received:** Pay Record  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Minor  
- **MSG Responsibility:** Soils Lab  

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Density Report Required if used for Backfill  

### Testing Requirements
- **Sample Comment:** Minimum of 2 test borings per acre. IA - One comparative test per 50,000 yd3.  
- **Technician Certifications:** (None)  

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**  

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**  

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**  

### Notes
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.  
- **Action Date:** 04/06/2000  
- **Performed By:** Idean  
- **Check In:** Changed default authorizing lab from Physical to Chemical.
## Test Formats

4. Soils for Quality - Version 14

| Owning Lab: | Soils Lab |
| IA Type: | None |

| Metric/English Code: | Both |

| Sample/Test Remarks: |

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000

Performed By: Idean

Check In: Changed default authorizing lab from Physical to Chemical.
### Select Material, Class I

#### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ⬜

Other Reports:
- Density Report Required if used for Backfill; Pay Adj Required

#### Testing Requirements
- **Sample Comment:** Minimum of 2 test borings per acre.
- **Technician Certifications:** (None)

#### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

- **Action Date:** 05/15/1997
- **Performed By:** twhittington
- **Check In:** Archive data come from Minimum Sampling Guide on v3.0
- **Comment:** Production db
Test Formats

4. Soils for Quality - Version 14

<table>
<thead>
<tr>
<th>Ownership Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997

Performed By: twhillington

Check In Archive data come from Minimum Sampling Guide on v3.0

Comment: Production db
## Select Material, Class I

### General
- **Group:** Soils
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab
- **Status:** History
- **Version:** 2.01
- **From Date:** 05/14/2004
- **To Date:** 09/23/2006

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Density Report Required if used for Backfill

### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab
- **Sample Comment:** Minimum of 2 test borings per hectare
  IA - One comparative test per 40,000 m3.
- **Technician Certifications:** (None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv
**Check In:** Select Materials, Class I - Metric - Changed How Received
**Comment:** from Pay Record to Not Received.
Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code:</td>
<td>Metric</td>
</tr>
</tbody>
</table>

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Check In: Select Materials, Class I - Metric - Changed How Received
Comment: from Pay Record to Not Received.
North Carolina Department of Transportation
Minimum Sampling Guide

Select Material, Class I

General
Group: Soils Status: History
How Received: Not Received Version: 2.01
Metric/English: English From Date: 05/14/2004 To Date: 09/23/2006
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance

| Pretest: N/A | Certification: N/A |
| Alt ID Matching: (None) | Type (None) |
| Sample/Test: Required | Responsibility (None) M&T (None) RE (None) Both |
| Approved List: N/A | M&T (None) RE M&T RE Both |
| Visual Inspection: N/A | M&T 913 Report (Steel) |
| Catalog Cut: N/A |
| Field Inspection: N/A |
| Small Quantity: | Density Report Required if used for Backfill |
| Other Reports: |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Minimum of 2 test borings per acre. IA - One comparative test per 50,000 yd3.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Select Materials, Class I - English - Changed How
Comment: Received from Pay Record to Not Received.
## Test Formats

3. Soil for Quality - Version 4
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

4. Soil for Quality - Version 14
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In** Select Materials, Class I - English - Changed How  
**Comment:** Received from Pay Record to Not Received.
Select Material, Class I

General
Group: Select Materials
Status: Current
How Received: Ticket
Version: 3.03
Metric/English: English
From Date: 01/01/1999
To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Certification: N/A
Responsibility: M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Source Approval/Evaluation | 100,000,000.00 | Project Personnel | M&T Lab
Verification | 999,999.00 | Project Personnel | M&T Lab

Sample Comment: Samples Required per "Borrow Pit Sampling Manual." Sample size is 5-8 lbs. Sample Frequency is minimum of 2 borings per acre. IA - One comparative test per 50,000 yd³.

Technician Certifications:
Type | Certification(s)
Sampling | Borrow Pit Sampling Technician

Test Formats
1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/18/2013  Performed By: twhillington
Check In: New MSG 2013  Comment:
Test Formats

3. Soils for Quality - Version 4
   
   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** English
   
   **Sample/Test Remarks:**

4. Soils for Quality - Version 14
   
   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** Both
   
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/18/2013  
**Performed By:** tw hittington  
**Check In:** New MSG 2013  
**Comment:** 
## Select Material, Class I

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Quantity</td>
<td>Density Report Required if used for Backfill</td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certification</td>
<td>N/A</td>
</tr>
<tr>
<td>Responsibility</td>
<td>N/A</td>
</tr>
<tr>
<td>Type</td>
<td>N/A</td>
</tr>
<tr>
<td>M&amp;T</td>
<td>(None)</td>
</tr>
<tr>
<td>RE</td>
<td>(None)</td>
</tr>
<tr>
<td>Both</td>
<td>(None)</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Acceptance**
  - **Sample Frequency**: 999,999.00
  - **Sampling Responsibility**: Project Personnel
  - **Testing Responsibility**: M&T Lab

**Sample Comment**: Minimum of 2 test borings per hectare
IA - One comparative test per 40,000 m3.

**Technician Certifications**: (None)

### Test Formats

1. **Conventional Density Test 1** - Version 1
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**:

2. **Conventional Density Test 1-A** - Version 2
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: Metric
   - **Sample/Test Remarks**:

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 01/01/1999
**Performed By**: fmoody
**Check In**: Select Materials, Class I - Metric - Changed How Received
**Comment**: from Pay Record to Not Received.
### Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
</tbody>
</table>

**Metric/English Code:** Metric

**Sample/Test Remarks:**

---

**Comment:** Select Materials, Class I - Metric - Changed How Received

**Action Date:** 01/01/1999

**Performed By:** fmoody

**Check In:** Select Materials, Class I - Metric - Changed to Not Received.

**Comment:** from Pay Record to Not Received.
**Select Material, Class I**

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Pay Record</td>
<td>Version</td>
<td>2.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>04/06/2000</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>04/10/2000</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
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</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
<td>Type</td>
<td>Responsibility</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
<td>(None)</td>
<td>M&amp;T M&amp;T M&amp;T</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td>(None)</td>
<td>Both Both Both</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>RE RE RE</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td>(None)</td>
<td>Both Both Both</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>Both Both Both</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
<td></td>
<td>Density Report Required if used for Backfill</td>
</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Sample Comment</th>
<th>Minimum of 2 test borings per hectare</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>Owning Lab: Soils Lab IA Type: None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Metric</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

**Test Formats**

1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. Soils for Quality Test - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Iidean

**Check In:** Changed default authorizing lab from Physical to Chemical.
## Select Material, Class I

### General
- **Group:** Soils  
  **Status:** History  
- **How Received:** Pay Record  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Minor  
- **MSG Responsibility:** Soils Lab  

### Methods of Acceptance
- **Pretest:** Required  
- **Alt ID Matching:** No Match  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Density Report Required if used for Backfill; Pay Adj Required  

### Certification
- **Type:** N/A  
- **Responsibility:**  
  - M&T  
  - RE  
  - Both  

### Testing Requirements
- **Sample Comment:** Minimum of 2 test borings per hectare.  
- **Technician Certifications:** (None)  

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

3. **Soils for Quality Test - Version 2**
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Metric  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** twittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Select Material, Class II, Type 1

General
Group: Soils  Status: Expired
How Received: Ticket  Version: 3.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Density Report Required if used for Backfill - Conventional Density M&T 504 or Nuclear Density M&T 514N

Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>M&amp;T Lab</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Lab</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: 1 density test per 5000 CY of backfill. IA - One comparative density test per 50000 CY.

Technician Certifications:
Type Testing Certification(s) Conventional Density Technician

Test Formats
1. Screenings Test - Version 3

Owning Lab: Soils Lab  Metric/English Code: English
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Select Material, Class II, Type 1

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Status</td>
<td>Expired</td>
</tr>
<tr>
<td>Version</td>
<td>3.00</td>
</tr>
<tr>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Density Report Required if used for Backfill</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Minimum of one sample for per 2000 tons.
IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

### Test Formats

1. Screenings Test - Version 3

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric/English Code</td>
<td>English</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
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</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** v5conv

**Check In:** Changed default authorizing lab from Physical to Chemical.
North Carolina Department of Transportation
Minimum Sampling Guide

Select Material, Class II, Type 1

General
Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Density Report Required if used for Backfill

Testing Requirements
Sample Comment: Minimum of one sample for per 2000 tons.
IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Test Formats
1. Screenings Test - Version 3

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
Select Material, Class II, Type 1

General

Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/15/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: √
Other Reports: Density Report Required if used for Backfill; Pay Adj Required

Testing Requirements

Sample Comment: Minimum of one sample for per 2000 tons.
Technician Certifications: (None)

Test Formats

1. Screenings Test - Version 3

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Certification: N/A
Type
(Nonne) M&T RE Both
(Nonne) M&T RE Both
(Nonne) M&T RE Both

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Select Material, Class II, Type 1

#### General
- **Group:** Select Materials
- **Status:** Current
- **How Received:** Ticket
- **Version:** 3.03
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Density Report Required if used for Backfill - Conventional Density M&T 504 or Nuclear Density M&T 514N

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>5,000.00</td>
<td>M&amp;T Lab</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Lab</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1 density test per 5000 CY of backfill. IA - One comparative density test per 50000 CY.

#### Technician Certifications
- **Type**
  - Density Other Conventional: Conventional Density Technician
  - Density Other Nuclear: ABC Nuclear Density Technician
  - Sampling: QC/QA Aggregate Sampling Technician

#### Test Formats
1. Screenings Test - Version 3

- **Owning Lab:** Soils Lab
- **IA Type:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/18/2013
**Performed By:** twhillington
**Check In:** New MSG 2013
**Comment:**
Select Material, Class II, Type 1

General
Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: Density Report Required if used for Backfill

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 1,000.00 | Project Personnel | M&T Lab
Quality Assurance | 1,000.00 | Project Personnel | M&T Lab

Sample Comment: Minimum of one sample for per 2000 metric tons.
IA - One comparative test per 40000 m3.

Technician Certifications: (None)

Test Formats
1. Screenings Test - Version 2

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Changed default authorizing lab from Physical to Chemical.
Select Material, Class II, Type 1

General

Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Density Report Required if used for Backfill

Testing Requirements

Sample Comment: Minimum of one sample for per 2000 metric tons.
IA - One comparative test per 40000 m³.

Test Formats

1. Screenings Test - Version 2

Owning Lab: Soils Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Select Material, Class II, Type 1

General

<table>
<thead>
<tr>
<th>Group:</th>
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<tbody>
<tr>
<td>How Received:</td>
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<td>3.02</td>
</tr>
<tr>
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<td>01/01/1999</td>
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<td>12/31/2075</td>
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<td>Default Auth Lab:</td>
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<td>Central GeoMaterials Lab</td>
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<tr>
<td>Project Certification:</td>
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<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td></td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: |         |
| Other Reports: | Density Report Required if used for Backfill - Conventional Density M&T 504 or Nuclear Density M&T 514N |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
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<td>M&amp;T Lab</td>
<td>Project Personnel</td>
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<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Lab</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: 1 density test per 5000 CY of backfill. IA - One comparative density test per 50000 CY.

Technician Certifications:

Type

Testing

Certification(s)

Conventional Density Technician

Test Formats

1. Screenings Test - Version 3

Owning Lab: Soils Lab

IA Type: None

Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2013

Performed By: rpace

Check In: NEW MSG 2013

Comment:
### Select Material, Class II, Type 1

**General**
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Density Report Required if used for Backfill; Pay Adj Required

**Testing Requirements**
- **Sample Comment:** Minimum of one sample for per 2000 metric tons.
- **Technician Certifications:** (None)

**Test Formats**
1. Screenings Test - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

### Note
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997

**Performed By:** twhittington

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
### North Carolina Department of Transportation

**Minimum Sampling Guide**

**Select Material, Class II, Type 2**

**General**
- **Group:** Soils
- **Status:** History
- **Version:** 3.01
- **From Date:** 06/28/2001
- **To Date:** 09/23/2006
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Certification</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td>Density Report Required if used for Backfill</td>
</tr>
</tbody>
</table>

**Testing Requirements**

- **Sample Comment:** Samples required per "Borrow Pit Sample Guide". 2 borings per Hectare. IA - One comparative test per 40000 m3.

- **Technician Certifications:** (None)

**Test Formats**

1. **Conventional Density Test 1** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A** - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Soils for Quality Test** - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In**
- Changed subgrade stabilizers to approved plant required

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Select Material, Class II, Type 2

General
Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: History
Version: 3.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Density Report Required if used for Backfill

Testing Requirements
Sample Comment: Samples required per "Borrow Pit Sample Guide".
   2 borings per Acre.
   IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Test Formats
1. Conventional Density Test 1 - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. Soils for Quality - Version 4
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Changed subgrade stabilizers to approved plant required
Comment:
Test Formats

4. Soils for Quality - Version 14

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Changed subgrade stabilizers to approved plant required
Comment:
Select Material, Class II, Type 2

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Density Report Required if used for Backfill</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Samples required per "Borrow Pit Sample Guide". 2 borings per Acre. IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. Conventional Density Test 1-A - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: v5conv

Check In: Removed fsecden1.xls and fsecden1a.xls test formats

Comment: from Select Material, Class II, Type 2 - E
### Test Formats

#### 3. Soils for Quality - Version 4

- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** English
- **Sample/Test Remarks:**

#### 4. Soils for Quality - Version 14

- **Owning Lab:** Soils Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date:* 01/01/1999  
*Performed By:* v5conv

*Check In:* Removed fsecden1.xls and fsecden1a.xls test formats

*Comment:* from Select Material, Class II, Type 2 - E
## Select Material, Class II, Type 2

### General
- **Group:** Soils
- **Status:** History
- **Version:** 3.00
- **From Date:** 07/11/2000
- **To Date:** 07/13/2000
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Density Report Required if used for Backfill

### Certification
- **Type:** N/A
- **Responsibility:**
  - (None) M&T RE Both
  - (None) M&T RE Both
  - (None) M&T RE Both
  - □ M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** Samples required per "Borrow Pit Sample Guide".
- **IA Type:** Owning Lab: Soils Lab
  - Metric/English Code: English
  - Sample/Test Remarks:
- **IA - One comparative test per 50000 yd3.**
- **Technician Certifications:** (None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**
2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**
3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

4. Soils for Quality - Version 14

<table>
<thead>
<tr>
<th>Ownering Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
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</tr>
<tr>
<td>Metric/English Code:</td>
<td>Both</td>
</tr>
</tbody>
</table>

**Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/11/2000  
**Performed By:** rpace  
**Check In:** Changed subgrade stabilizers to approved plant required  
**Comment:**
## Select Material, Class II, Type 2

### General
- **Group:** Soils
- **Status:** History
- **Version:** 2.00
- **From Date:** 04/06/2000
- **To Date:** 04/10/2000

- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Density Report Required if used for Backfill

### Testing Requirements
- **Sample Comment:** Samples required per "Borrow Pit Sample Guide". 2 borings per Acre. IA - One comparative test per 50000 yd3.
- **Technician Certifications:** (None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.

**Comment:**

- Changed default authorizing lab from Physical to Chemical.
## Test Formats

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Metric/English Code</th>
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</thead>
<tbody>
<tr>
<td>Soils for Quality</td>
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</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
### Select Material, Class II, Type 2

#### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Density Report Required if used for Backfill; Pay Adj Required

#### Testing Requirements
- **Sample Comment:** Minimum of 2 test borings per acre.
- **Technician Certifications:** (None)

#### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** twittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Test Formats

4. Soils for Quality - Version 14

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
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<tbody>
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<td>Soils Lab</td>
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<tr>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db

---

**Action Date:** 05/15/1997  
**Performed By:** twhillington
Select Material, Class II, Type 2

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
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<tr>
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</tr>
<tr>
<td>Metric/English</td>
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</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
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<tr>
<td>Project Certification</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
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Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Density Report Required if used for Backfill</td>
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</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Samples required per "Borrow Pit Sample Guide". 2 borings per Hectare. IA - One comparative test per 40000 m3.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   
<table>
<thead>
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<th>Value</th>
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</thead>
<tbody>
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<tr>
<td>IA Type</td>
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<td>Soils Lab</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

<table>
<thead>
<tr>
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<tbody>
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<tr>
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<tr>
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<tr>
<td><strong>Metric/English Code:</strong></td>
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</tr>
<tr>
<td><strong>Sample/Test Remarks:</strong></td>
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</tr>
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</table>
## Select Material, Class II, Type 2

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
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<td>Metric/English</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certification</td>
<td>N/A</td>
</tr>
<tr>
<td>Type</td>
<td>N/A</td>
</tr>
<tr>
<td>Responsibility</td>
<td>M &amp;T RE Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:** Samples required per "Borrow Pit Sample Guide".
  2 borings per Hectare.
  IA - One comparative test per 40000 m3.

### Technician Certifications

- (None)

### Test Formats

1. **Conventional Density Test 1** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A** - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Soils for Quality Test** - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/11/2000  
**Performed By:** rpace

**Check In:** Changed subgrade stabilizers to approved plant required
**Comment:**

---

**From Date:** 07/11/2000  
**To Date:** 07/13/2000
# Minimum Sampling Guide

## Select Material, Class II, Type 2

### General
- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Density Report Required if used for Backfill

#### Testing Requirements
- **Sample Comment:** Samples required per "Borrow Pit Sample Guide".
  2 borings per Hectare.
  IA - One comparative test per 40000 m3.

#### Technician Certifications:
- (None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Soils for Quality Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
Select Material, Class II, Type 2

<table>
<thead>
<tr>
<th>General</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Group:</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received:</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |
| Other Reports: | Density Report Required if used for Backfill; Pay Adj Required |

Testing Requirements

| Sample Comment: | Minimum of 2 test borings per hectare. |
| Technician Certifications: | (None) |

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks: 

   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks: 

3. Soils for Quality Test - Version 2
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Select Material, Class II, Type 2

General
Group: Select Materials
Status: Current
How Received: Ticket
Version: 4.03
Metric/English: English
From Date: 01/01/1999
Non-Critical
Facility Type: (None)
To Date: 12/31/2075
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Density Report Required if used for Backfill - Conventional Debsity M&T 504 or Nuclear Density Test M&T 514N

Testing Requirements
Test Category: Source Approval/Evaluation
Sample Frequency: 100,000,000.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab
Sample Comment: Samples required per "Borrow Pit Sampling Manual". Sample size is 5-8 lbs. Sample Frequency is a minimum of 2 borings per acre.
IA - One comparative test per 50,000 yd3.

Technician Certifications:
Type: Density Other Conventional
Certification(s): Conventional Density Technician
Density Other Nuclear
ABC Nuclear Density Technician
Sampling
Borrow Pit Sampling Technician

Test Formats
1. Conventional Density Test 1 - Version 1
Owning Lab: Soils Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 04/18/2013
Performed By: twittington
Check In: New MSG 2013
Comment:
### Test Formats

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:** None

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:** None

4. **Soils for Quality - Version 14**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:** None

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

---

**Action Date:** 04/18/2013  
**Performed By:** twittington  
**Check In:** New MSG 2013  
**Comment:**
# Select Material, Class II, Type 2

## General

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Group</td>
<td>Select Materials</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
</tbody>
</table>

## Other Reports
- Density Report Required if used for Backfill - Conventional Density Test M&T 504 or Nuclear Density Test M&T 514N

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

## Sample Comment
- Samples required per "Borrow Pit Sampling Manual". Sample size is 5-8 lbs. Sample Frequency is a minimum of 2 borings per acre.
- IA - One comparative test per 50,000 yd3.

## Technician Certifications
- (None)

## Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: 

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: 

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

3. Soils for Quality - Version 4
   
   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** English
   
   **Sample/Test Remarks:**

4. Soils for Quality - Version 14

   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** Both
   
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013

**Performed By:** rpace

**Check In:** NEW MSG 2013

**Comment:**
Select Material, Class II, Type 2

General
Group: Soils  Status: Expired
How Received: Ticket  Version: 4.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Density Report Required if used for Backfill - Conventional Debsity M&T 504 or Nuclear Density Test M&T 514N

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 Project Personnel M&T Lab
Sample Comment: Samples required per "Borrow Pit Sampling Manual". Sample size is 5-8 lbs. Sample Frequency is a minimum of 2 borings per acre.
IA - One comparative test per 50,000 yd3.

Technician Certifications: (None)

Test Formats
1. Conventional Density Test 1 - Version 1
   Ownership Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   Ownership Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Test Formats

3. Soils for Quality - Version 4
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

4. Soils for Quality - Version 14
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Select Material, Class III, Type 1

General
- Group: Soils
- Status: Expired
- How Received: Ticket
- Version: 4.01
- Metric/English: English
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: Fine Aggregate
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Certification: N/A
- Type: M & T
- Responsibility: M & T

Testing Requirements
- Test Category: Quality Control
  - Sample Frequency: 2,000.00
  - Sampling Responsibility: QC Tech
  - Testing Responsibility: Producer/Supplier
- Test Category: Quality Assurance
  - Sample Frequency: 6,000.00
  - Sampling Responsibility: M & T Field
  - Testing Responsibility: M & T Lab
- Test Category: Verification
  - Sample Frequency: 99,999.00
  - Sampling Responsibility: Project Personnel
  - Testing Responsibility: M & T Lab

Sample Comment: IA - One comparative test per 50000 yd3. Borrow /Samples required per "Borrow Pit Sampling Manual." Sample size 5-8 lbs. Sample Frequency is a minimum of 2 barings per acre.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
# Minimum Sampling Guide

## Select Material, Class III, Type 1

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>0</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Density Report Required if used for Backfill</td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>□ M&amp;T  □ RE  □ Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Select Material, Class III, Type 1 (English) - changed  
**Comment:** Default Authorizing Lab to Soils Lab.
### Select Material, Class III, Type 1

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Density Report Required if used for Backfill</td>
</tr>
</tbody>
</table>

**Certification**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>N/A</td>
</tr>
<tr>
<td>Responsibility</td>
<td>M&amp;T, RE, Both</td>
</tr>
<tr>
<td>M &amp; T 913 Report (Steel)</td>
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</tr>
</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/2001

**Performed By:** rpace

**Check In:** Change Select Material Class III type I from fine aggregate

**Comment:** to none for english
## Select Material, Class III, Type 1

### General
- **Group**: Soils
- **How Received**: Ticket
- **Metric/English**: English
- **Status**: History
- **Version**: 2.00
- **From Date**: 04/06/2000
- **To Date**: 04/10/2000
- **Default Auth Lab**: Physical Lab
- **Project Certification**: Minor
- **MSG Responsibility**: Physical Lab

### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Optional
- **Approved List**: Required
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: □
- **Other Reports**: Density Report Required if used for Backfill

### Certification
- **Responsibility**: M&T
- **Type**: N/A

### Testing Requirements
- **Sample Comment**: IA - One comparative test per 50000 yd3.
- **Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 04/06/2000  
**Performed By**: Idean  
**Check In**: Changed default authorizing lab from Physical to Chemical.  
**Comment**: Chemical.
North Carolina Department of Transportation  
Minimum Sampling Guide

Select Material, Class III, Type 1

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>No</td>
</tr>
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Testing Requirements

<table>
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<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>Minimum of one sample for per 2000 tons.</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997  
Performed By: twittington  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
## Select Material, Class III, Type 1

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Optional</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- **Certification:** N/A
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

- **Certification:** M&T 913 Report (Steel)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Select Material, Class III, Type 1 (English) - changed  
**Comment:** Default Authorizing Lab to Soils Lab.
Select Material, Class III, Type 1

General
- Group: Soils
- How Received: Ticket
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Central GeoMaterials Lab
- Project Certification: Minor
- MSG Responsibility: Physical Lab

Methods of Acceptance

| Pretest:   | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | ☐ |
| Other Reports: | Density Report Required if used for Backfill |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: IA - One comparative test per 40000 m3.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Changed select material class III type 1 to none approved
Comment: plant
## Select Material, Class III, Type 1

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Fine Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Density Report Required if used for Backfill

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>(None)</td>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td></td>
<td>M&amp;T RE Both</td>
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<tr>
<td>(None)</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:** IA - One comparative test per 40000 m3.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
## Select Material, Class III, Type 1

### General
- **Group**: Soils
- **How Received**: Ticket
- **Metric/English**: Metric
- **Facility Type**: Coarse Aggregate
- **Default Auth Lab**: Physical Lab
- **Project Certification**: Minor
- **MSG Responsibility**: Physical Lab

### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: N/A
- **Other Reports**: Density Report Required if used for Backfill; Pay Adj Required

### Testing Requirements
- **Sample Comment**: Minimum of one sample for per 2000 metric tons.
- **Technician Certifications**: (None)

### Notes
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Details
- **Action Date**: 05/15/1997
- **Performed By**: twittington
- **Check In**: Archive data come from Minimum Sampling Guide on v3.0
- **Comment**: Production db
Select Material, Class III, Type 1

General
- Group: Select Materials
- Status: Current
- How Received: Ticket
- Version: 4.02
- Metric/English: English
- Facility Type: Fine Aggregate
- Default Auth Lab: Physical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: Density Report Required if used for Backfill - Conventional Density M&T 504 or Nuclear Density M&T 514N

Testing Requirements
- Test Category: Sample Frequency | Sampling Responsibility | Testing Responsibility
  - Quality Control: 2,000.00 | QC Tech | Producer/Supplier
  - Quality Assurance: 6,000.00 | M&T Field | M&T Lab
  - Verification: 99,999.00 | Project Personnel | M&T Lab

Sample Comment: IA - One comparative test per 50000 yd3. Borrow/Samples required per "Borrow Pit Sampling Manual." Sample size 5-8 lbs. Sample Frequency is a minimum of 2 barings per acre.

Technician Certifications: (None)
Select Material, Class III, Type 2

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<td>Group</td>
<td>Soils</td>
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<td>Status</td>
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<td>Version</td>
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<td>From Date</td>
<td>01/01/1999</td>
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<tr>
<td>To Date</td>
<td>12/31/2075</td>
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<table>
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<tr>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
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Methods of Acceptance

<table>
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<tr>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
<th>Sample Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
<td>Samples required per &quot;Borrow Pit Sampling Manual.&quot; Sample size is 5-8 lbs. Sample Frequency is a minimum of 2 borings per acre. IA - One comparative test per 50000 yd3.</td>
</tr>
</tbody>
</table>

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

<table>
<thead>
<tr>
<th>No.</th>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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<tbody>
<tr>
<td>3.</td>
<td>Soils for Quality - Version 4</td>
<td>English</td>
<td></td>
</tr>
<tr>
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<td><strong>Owning Lab:</strong> Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>IA Type:</strong> None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Soils for Quality - Version 14</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Owning Lab:</strong> Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>IA Type:</strong> None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Select Material, Class III, Type 2

General

Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: Expired
Version: 4.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: 
Other Reports: Density Report Required if used for Backfill

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 999,999.00 Project Personnel M&T Lab

Sample Comment: Minimum of 2 test borings per acre. IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptanace, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Removed fsecden1.xls and fsecden1a.xls test formats
Comment: from Select Material, Class III, Type 2 - E
### Test Formats

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Soils for Quality - Version 4</td>
<td>English</td>
<td>None</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Soils for Quality - Version 14</td>
<td>Both</td>
<td>None</td>
</tr>
<tr>
<td><strong>Owning Lab:</strong> Soils Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IA Type:</strong> None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Removed fsecdn1.xls and fsecdn1a.xls test formats  
**Comment:** from Select Material, Class III, Type 2 - E
## Minimum Sampling Guide

### Select Material, Class III, Type 2

#### General
- **Group:** Soils
- **Status:** History
- **How Received:** Ticket
- **Version:** 3.00
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Density Report Required if used for Backfill

#### Testing Requirements
- **Sample Comment:** Minimum of 2 test borings per acre.
  - IA - One comparative test per 50000 yd3.

#### Technician Certifications:
- (None)

#### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/11/2000  
**Performed By:** rpace  
**Check In:** Changed subgrade stabilizers to approved plant required  
**Comment:**
Test Formats

4. Soils for Quality - Version 14

| Ownning Lab: Soils Lab | IA Type: None | Metric/English Code: Both | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/11/2000  
Performed By: rpace  
Check In: Changed subgrade stabilizers to approved plant required  
Comment:
**Select Material, Class III, Type 2**

**General**

- **Group:** Soils
- **How Received:** Pay Record
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Density Report Required if used for Backfill

**Testing Requirements**

- **Sample Comment:** Minimum of 2 test borings per acre.
- **IA:** One comparative test per 50000 yd3.

**Testing Requirements**

- **Technician Certifications:** (None)

**Test Formats**

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
<table>
<thead>
<tr>
<th>Test Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Soils for Quality - Version 14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Owning Lab:</strong></th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IA Type:</strong></td>
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</table>

<table>
<thead>
<tr>
<th><strong>Metric/English Code:</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Sample/Test Remarks:</strong></td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Performed By:</strong></td>
<td>Idean</td>
</tr>
<tr>
<td><strong>Check In:</strong></td>
<td>Changed default authorizing lab from Physical to Chemical.</td>
</tr>
<tr>
<td><strong>Comment:</strong></td>
<td>Chemical.</td>
</tr>
</tbody>
</table>
Select Material, Class III, Type 2

General
- **Group:** Soils
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/15/1997  
  **To Date:** 12/11/1999

How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Density Report Required if used for Backfill; Pay Adj Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>RE</td>
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<tr>
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<td>Both</td>
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</table>

Testing Requirements
- **Sample Comment:** Minimum of 2 test borings per acre.
- **Technician Certifications:** (None)

Test Formats
1. **Conventional Density Test 1** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality** - Version 4
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

4. Soils for Quality - Version 14
   
   **Owning Lab:** Soils Lab
   **IA Type:** None
   
   **Metric/English Code:** Both
   
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997
**Performed By:** twiltington
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
Select Material, Class III, Type 2

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<td>How Received</td>
<td>Ticket</td>
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Status: History

Version: 3.01

From Date: 06/28/2001

To Date: 09/23/2006

Methods of Acceptance

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<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

| Type          |     | M&T RE Both    |

| Type          |     | M&T RE Both    |

Small Quantity: 

Other Reports: Density Report Required if used for Backfill

Testing Requirements

Sample Comment: Minimum of 2 test borings per hectare.

IA - One comparative test per 40000 m3

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Owning Lab</td>
<td>Soils Lab</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Metric</td>
</tr>
<tr>
<td>IA Type</td>
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</table>

Sample/Test Remarks:


<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Soils Lab</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Metric</td>
</tr>
<tr>
<td>IA Type</td>
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</tr>
</tbody>
</table>

Sample/Test Remarks:

3. Soils for Quality Test - Version 2

<table>
<thead>
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<th>Field</th>
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<tr>
<td>Metric/English Code</td>
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</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
</tbody>
</table>

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006

Performed By: conv

Check In: Changed subgrade stabilizers to approved plant required

Comment:
**Select Material, Class III, Type 2**

**General**
- **Group:** Soils
- **Status:** History
- **Version:** 3.01
- **From Date:** 06/28/2001  
**To Date:** 09/23/2006

- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Density Report Required if used for Backfill

**Testing Requirements**
- **Sample Comment:** Minimum of 2 test borings per acre.
  IA - One comparative test per 50000 yd3.
- **Technician Certifications:** (None)

**Test Formats**

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

4. Soils for Quality - Version 14

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Changed subgrade stabilizers to approved plant required
Comment:
### Select Material, Class III, Type 2

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>Metric/English</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils</td>
<td>Current</td>
<td>Metric</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
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</table>

<table>
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<tr>
<th>How Received</th>
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<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
<th>Default Auth Lab</th>
<th>Metric/English</th>
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<tr>
<td>Ticket</td>
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<td>Central GeoMaterials Lab</td>
<td>Minor</td>
<td>Soils Lab</td>
<td>N/A</td>
<td>Metric</td>
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</table>

<table>
<thead>
<tr>
<th>Group</th>
<th>How Received</th>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
<th>Default Auth Lab</th>
<th>Metric/English</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Central GeoMaterials Lab</td>
<td>Minor</td>
<td>Soils Lab</td>
<td>N/A</td>
<td>Metric</td>
</tr>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td></td>
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</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
<th>Sample Comment</th>
<th>Technician Certifications</th>
<th>Test Formats</th>
</tr>
</thead>
</table>
| Acceptance    | 999,999.00       | Project Personnel       | M&T Lab                 | Minimum of 2 test borings per hectare. | (None)       | 1. Conventional Density Test 1 - Version 1
|               |                  |                         |                         | IA - One comparative test per 40000 m3 |              | 2. Conventional Density Test 1-A - Version 2 |

#### Test Formats

1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

3. Soils for Quality Test - Version 2

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Metric/English Code:</td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Removed fsmcden1.xls and fsmcden1a.xls test formats
Comment: from Select Material, Class III, Type 2 - M
## Select Material, Class III, Type 2

### General
- **Group:** Soils
- **Status:** History
- **Version:** 3.00
- **From Date:** 07/11/2000
- **To Date:** 07/13/2000

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

### Testing Requirements
- **Sample Comment:** Minimum of 2 test borings per hectare. IA - One comparative test per 40000 m³
- **Technician Certifications:** (None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Soils for Quality Test - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Comment:** Changed subgrade stabilizers to approved plant required.

**Action Date:** 07/11/2000
**Performed By:** rpace

**Check In**
- Changed subgrade stabilizers to approved plant required.
Select Material, Class III, Type 2

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
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Methods of Acceptance

<table>
<thead>
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<th>Value</th>
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<tbody>
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<td>Approved List</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
<td>Density Report Required if used for Backfill</td>
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Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>Minimum of 2 test borings per hectare. IA - One comparative test per 40000 m3</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Test Formats

1. Conventional Density Test 1 - Version 1

- **Owning Lab**: Soils Lab
- **IA Type**: None
- **Metric/English Code**: Metric
- **Sample/Test Remarks**: M&T 913 Report (Steel)


- **Owning Lab**: Soils Lab
- **IA Type**: None
- **Metric/English Code**: Metric
- **Sample/Test Remarks**: N/A

3. Soils for Quality Test - Version 2

- **Owning Lab**: Soils Lab
- **IA Type**: None
- **Metric/English Code**: Metric
- **Sample/Test Remarks**: N/A

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000  Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
North Carolina Department of Transportation
Minimum Sampling Guide

Select Material, Class III, Type 2

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Soils</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Pay Record</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
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</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
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Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Sample/Test:</td>
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<tr>
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<tr>
<td>Visual Inspection:</td>
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</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
<td>□</td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Density Report Required if used for Backfill; Pay Adj Required</td>
</tr>
</tbody>
</table>

Testing Requirements

| Sample Comment: | Minimum of 2 test borings per hectare.                              |
| Technician Certifications: | (None)                                                              |

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

3. Soils for Quality Test - Version 2
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997
Performed By: twittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Select Material, Class III, Type 2

General

Group: Select Materials
How Received: Ticket
Metric/English: English
Facility Type: (None)

Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required

Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Small Quantity: None
Other Reports: Density Report Required if used for Backfill - Conventional Density M&T 504 or Nuclear Density M&T 514N

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Source Approval/Evaluation | 100,000,000.00 | Project Personnel | M&T Lab

Sample Comment: Samples required per "Borrow Pit Sampling Manual." Sample size is 5-8 lbs. Sample Frequency is a minimum of 2 borings per acre. IA - One comparative test per 50000 yd3.

Technician Certifications:

Type | Certification(s)
Sampling | Borrow Pit Sampling Technician

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/18/2013
Performed By: twhittington
Check In: New MSG 2013
Comment:
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<th></th>
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<tbody>
<tr>
<td></td>
<td>Sample/Test Remarks:</td>
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<td></td>
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<tr>
<td></td>
<td>Owning Lab: Soils Lab</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sample/Test Remarks:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Owning Lab: Soils Lab</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>IA Type: None</td>
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</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/18/2013  
Performed By: twhilltinton

Check In: New MSG 2013  
Comment:
**Select Material, Class III, Type 2**

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Ticket</td>
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<tr>
<td>Metric/English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
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<tr>
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<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
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**Methods of Acceptance**

<table>
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<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>Sample/Test</td>
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<tr>
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<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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</tr>
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</table>

**Other Reports:** Density Report Required if used for Backfill - Conventional Density M&T 504 or Nuclear Density M&T 514N

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Samples required per "Borrow Pit Sampling Manual." Sample size is 5-8 lbs. Sample Frequency is a minimum of 2 borings per acre. IA - One comparative test per 50000 yd³.

**Technician Certifications:** (None)

**Test Formats**

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013

**Performed By:** rpace

**Check In:** NEW MSG 2013

**Comment:**
## Test Formats

3. **Soils for Quality - Version 4**  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

4. **Soils for Quality - Version 14**  
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
Select Material, Class III, Type 3

General

Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: Current
Version: 1.00
From Date: 01/04/2012 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Density Report Required if used for Backfill

Certification: N/A Type
Responsibility

(M&T) (RE) (Both)

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

3. Soils for Quality Test - Version 2
   
   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Select Material, Class III, Type 3

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<tr>
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<td>Version</td>
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<tr>
<td>From Date</td>
<td>01/04/2012</td>
</tr>
<tr>
<td>To Date</td>
<td>12/31/2075</td>
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<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: Required
- **Approved List**: N/A
- **Visual Inspection**: N/A
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: [ ]
- **Other Reports**: Density Report Required if used for Backfill

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:

- Technician Certifications: (None)

### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: 

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: 

3. **Soils for Quality - Version 4**
   - **Owning Lab**: Soils Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: 

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 01/04/2012  
**Performed By**: fdward  
**Check In**:  
**Comment**: 
Select Material, Class III, Type 3

General
Group: Select Materials
Status: Current
How Received: Ticket
Version: 1.03
Metric/English: English
From Date: 01/04/2012
Facility Type: (None)
To Date: 12/31/2075
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Density Report Required if used for Backfill

Testing Requirements

<table>
<thead>
<tr>
<th>Sample/Test Remarks:</th>
</tr>
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<tbody>
<tr>
<td>Density Report Required if used for Backfill</td>
</tr>
<tr>
<td>Technician Certifications:</td>
</tr>
<tr>
<td>(None)</td>
</tr>
</tbody>
</table>

Test Formats
1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English

2. Conventional Density Test 1-A - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English

3. Soils for Quality - Version 4
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Select Material, Class III, Type 3

General
Group: Soils
Status: Expired
How Received: Ticket
Version: 1.02
Metric/English: English
From Date: 01/04/2012
Facility Type: (None)
To Date: 12/31/2075
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: Density Report Required if used for Backfill

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>(None)</td>
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<tr>
<td>(None)</td>
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</tr>
<tr>
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</table>

Other Reports:
- M&T 913 Report (Steel)

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1

   Ownering Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1

   Ownering Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

3. Soils for Quality - Version 4

   Ownering Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
### Select Material, Class III, Type 3

**General**

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<tr>
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<td>How Received</td>
<td>Ticket</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
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<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
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**Methods of Acceptance**

<table>
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<th>Value</th>
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<tbody>
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<tr>
<td>Alt ID Matching</td>
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<tr>
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<tr>
<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td></td>
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<tr>
<td>Other Reports</td>
<td>Density Report Required if used for Backfill</td>
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**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
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<td>Acceptance</td>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)

**Test Formats**

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Soils for Quality - Version 4**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/20/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**

---
### Select Material, Class IV

#### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Inspection Type(s):** Density Other Conventional & Nuclear

**Small Quantity:**

**Other Reports:** Density Report Required if used for Backfill; ABC Unit Weight Required - Conventional Density M&T 504, Nuclear Density M&T 514N

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
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<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
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<td>Roadway Assurance</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

#### Test Formats
1. **Conventional Density Test 3 - Version 1**

**Owning Lab:** Soils Lab  **Metric/English Code:** English  
**IA Type:** None  **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Select Material, Class IV

### General
- **Group:** Soils
- **Status:** Current
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Density Other Conventional & Nuclear
- **Small Quantity:**
- **Other Reports:** Density Report Required if used for Backfill; ABC Unit Weight Required

### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
- Quality Control | 5,000.00 | Project Personnel | M&T Lab
- Quality Assurance | 5,000.00 | Project Personnel | M&T Lab

**Sample Comment:**
- Quality: One pair of samples (A & B) per 5000 metric tons or fraction thereof.
- IA - One comparative test per 40000 m3.

### Technician Certifications:
- (None)

### Test Formats
1. Conventional Density Test 3 - Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/30/2009

**Performed By:** rpace

**Check In:** Added FIR for nuke

**Comment:**
## Select Material, Class IV

### General

- **Group:** Soils  
- **Status:** Expired  
- **How Received:** Ticket  
- **Version:** 3.01  
- **Metric/English:** English  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **Facility Type:** Coarse Aggregate  
- **Default Auth Lab:** Central GeoMaterials Lab  
- **Project Certification:** Minor  
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** Required  
- **Inspection Type(s):** Density Other Conventional & Nuclear  
- **Small Quantity:**  
- **Other Reports:** Density Report Required if used for Backfill; ABC Unit Weight Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
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<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Quality: One pair of samples (A & B) per 5000 tons or fraction thereof.  
IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

### Test Formats

1. **Conventional Density Test 3** - Version 1
   - **Owning Lab:** Soils Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Select Material, Class IV

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
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<tr>
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<td>Version</td>
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</tr>
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<td>To Date</td>
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<td>Default Auth Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest       | N/A                                         | Certification | N/A         |
| Alt ID Matching | (None)                                      | Type          | M&T        |
| Sample/Test   | Optional                                    | Responsibility| RE         |
| Approved List | N/A                                         |              | Both       |
| Visual Inspection | N/A                                        |              |            |
| Catalog Cut   | N/A                                         |              |            |
| Field Inspection | N/A                                        |              |            |
| Small Quantity | ☐                                            |              |            |
| Other Reports  | Density Report Required if used for Backfill; ABC Unit Weight Required | | |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Quality: One pair of samples (A & B) per 5000 tons or fraction thereof. IA - One comparative test per 50000 yd3.

Test Formats

1. Conventional Density Test 3 - Version 1

Owning Lab: Soils Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Select Material, Class IV

### General
- **Group:** Soils
- **Status:** History
- **How Received:** Ticket
- **Metric/English:** English
- **From Date:** 04/06/2000
- **Version:** 2.00
- **To Date:** 04/10/2000
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Density Report Required if used for Backfill; ABC Unit Weight Required

### Certification
- **Type:** N/A
- **Responsibility:**
  - (None)
  - M&T
  - RE
  - Both

### Testing Requirements
- **Sample Comment:** Quality: One pair of samples (A & B) per 5000 tons or fraction thereof.
  IA - One comparative test per 50000 yd³.
- **Technician Certifications:** (None)

### Test Formats
1. **Conventional Density Test 3 - Version 1**
   - **Owning Lab:** Soils Lab
   - **Metric/English Code:** English
   - **IA Type:** None
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
**Select Material, Class IV**

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<tbody>
<tr>
<td>Group:</td>
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**Methods of Acceptance**

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<tr>
<th>Pretest:</th>
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<tbody>
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<td>Alt ID Matching:</td>
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<td>Type</td>
</tr>
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<td>Visual Inspection:</td>
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<td>Catalog Cut:</td>
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<tr>
<td>Field Inspection:</td>
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<td>M&amp;T 913 Report (Steel)</td>
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<tr>
<td>Small Quantity:</td>
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</tr>
<tr>
<td>Other Reports:</td>
<td></td>
<td>Density Report Required if used for Backfill; ABC Unit Weight Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

**Testing Requirements**

| Sample Comment:          | Quality: One pair of samples (A & B) per 1000 tons or fraction thereof. |
| Technician Certifications: | (None) |

**Test Formats**

1. Conventional Density Test 3 - Version 1

| Owning Lab:             | Soils Lab         | Metric/English Code: English |
| IA Type:                | None              | Sample/Test Remarks:        |

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection. **Action Date:** 05/15/1997 **Performed By:** twhittington **Check In:** Archive data come from Minimum Sampling Guide on v3.0 **Comment:** Production db
# Minimum Sampling Guide

## Select Material, Class IV

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Soils</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Central GeoMaterials Lab</td>
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<td>Project Certification</td>
<td>Minor</td>
</tr>
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<td>MSG Responsibility</td>
<td>Soils Lab</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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### Testing Requirements

<table>
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<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Quality: One pair of samples (A & B) per 5000 metric tons or fraction thereof. IA: One comparative test per 40000 m3.

**Technician Certifications:** (None)

### Test Formats

1. Conventional Density Test 3 - Version 2

   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Changed default authorizing lab from Physical to Chemical.
Select Material, Class IV

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
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<th>From Date</th>
<th>To Date</th>
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</tr>
<tr>
<td>Project Certification:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soils Lab</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:               | Certification: N/A |
| Alt ID Matching:       | Type             |
| (None)                 | Responsibility   |
| Sample/Test:          | (None) M&T       |
| Optional              | RE               |
| Approved List:        | Both             |
| Required              |                  |
| Visual Inspection:    | (None) M&T       |
| N/A                   | RE               |
| Catalog Cut:          | Both             |
| N/A                   |                  |
| Field Inspection:     |                  |
| N/A                   |                  |
| Small Quantity:       |                  |
| Density Report Required if used for Backfill; ABC Unit Weight Required |
| Other Reports:        |                  |

Testing Requirements

| Sample Comment: | Quality: One pair of samples (A & B) per 5000 metric tons or fraction thereof. IA - One comparative test per 40000 m³. |
| Technician Certifications: | (None) |

Test Formats

1. Conventional Density Test 3 - Version 2

<table>
<thead>
<tr>
<th>Ownning Lab:</th>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Lab</td>
<td></td>
</tr>
</tbody>
</table>

IA Type: None

Sample/Test Remarks: M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
Select Material, Class IV

General
Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Status: History
Version: 1.00
From Date: 05/15/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]

Testing Requirements
Sample Comment: Quality: One pair of samples (A & B) per 1000 metric tons or fraction thereof.

Technician Certifications: (None)

Test Formats
1. Conventional Density Test 3 - Version 2

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Metric

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997
Performed By: twiltington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Select Material, Class IV

**General**

<table>
<thead>
<tr>
<th>Group:</th>
<th>Select Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest:         | N/A                               |
| Alt ID Matching: | (None)                            |
| Sample/Test:     | Optional                          |
| Approved List:   | N/A                               |
| Visual Inspection: | N/A                            |
| Catalog Cut:    | N/A                               |
| Field Inspection: | Required                      |

**Inspection Type(s):** Density Other Conventional & Nuclear

**Small Quantity:**

- Other Reports:
  - Density Report Required if used for Backfill; ABC Unit Weight Required - Conventional Density M&T 504, Nuclear Density M&T 514N

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Roadway Assurance</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per 50000 yd³.

**Technician Certifications:**

- **Type**: Density Other Conventional, Density Other Nuclear, Sampling, Testing
- **Certification(s)**: Conventional Density Technician, ABC Nuclear Density Technician, ABC Sampling Technician OR QC/QA Aggregate Sampling Technician, QC/QA Aggregate Testing Technician

**Test Formats**

1. Conventional Density Test 3 - Version 1

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Soils Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/30/2013  
**Performed By:** rpace  
**Check In:** Took () off cert requirement. To fix bug crash.  
**Comment:**
Select Material, Class IV

General
Group: Select Materials
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.04
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: □
Other Reports: Density Report Required if used for Backfill; ABC Unit Weight Required - Conventional Density M&T 504, Nuclear Density M&T 514N

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Quality Control 2,000.00 QC Tech Producer/Supplier
Quality Assurance 6,000.00 M&T Lab M&T Lab
Roadway Assurance 2,500.00 Project Personnel M&T Lab

Sample Comment: IA - One comparative test per 50000 yd3.

Technician Certifications:

Type Certification(s)
Density Other Conventional Conventional Density Technician
Density Other Nuclear ABC Nuclear Density Technician
Sampling (ABC Sampling Technician) OR QC/QA Aggregate Sampling Technician
Testing QC/QA Aggregate Testing Technician

Test Formats
1. Conventional Density Test 3 - Version 1

Owning Lab: Soils Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/18/2013
Performed By: twittington
Check In: New MSG 2013
Comment:
Select Material, Class IV

General

Group: Select Materials
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Non-Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

Responsibility

Type

M&T RE Both
(None) M&T RE Both
(Non) M&T RE Both
(Non) M&T RE Both

M&T 913 Report (Steel)

Other Reports:
Density Report Required if used for Backfill; ABC Unit Weight Required - Conventional Density M&T 504, Nuclear Density M&T 514N

Testing Requirements

Test Category
Quality Control
Quality Assurance
Roadway Assurance
Sample Frequency
2,000.00
6,000.00
2,500.00

Sampling Responsibility
QC Tech
M&T Lab
Project Personnel

Testing Responsibility
Producer/Supplier
M&T Lab
M&T Lab

Sample Comment:
IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 3 - Version 1

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
## Select Material, Class V

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**

### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace

**Check In:** NEW 2013 MSG  
**Comment:**
Select Material, Class V

General

Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Density Report Required if used for Backfill

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: IA - One comparative test per 50000 yd3.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Select Material, Class V (English) - changed Default
Comment: Authorizing Lab to Soils Lab.
### Select Material, Class V

#### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Density Report Required if used for Backfill

#### Certification
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

#### Testing Requirements
- **Sample Comment:** IA - One comparative test per 50000 yd3.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to  
**Comment:** Chemical.
## Select Material, Class V

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Density Report Required if used for Backfill; Pay Adj Required

### Testing Requirements
- **Sample Comment:** One sample per 2000 tons.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997  
**Performed By:** twittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Select Material, Class V

General
Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports: Density Report Required if used for Backfill

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 1,000.00 | Project Personnel | M&T Lab
Quality Assurance | 5,000.00 | Project Personnel | M&T Lab

Sample Comment: IA - One comparative test per 50000 yd3.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Select Material, Class V

General

Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Current
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Density Report Required if used for Backfill

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 5,000.00 | Project Personnel | M&T Lab
Quality Assurance | 5,000.00 | Project Personnel | M&T Lab

Sample Comment: IA - One comparative test per 40,000 m³.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  
Performed By: v5conv
Check In: Changed default authorizing lab from Physical to Chemical.
Select Material, Class V

General
Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 2.00
From Date: 04/06/2000 To Date: 04/10/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Density Report Required if used for Backfill

Testing Requirements
Sample Comment: IA - One comparative test per 40000 m3.
Technician Certifications: (None)

Certification: N/A
Type
Responsibility
(Visual) M&T RE Both
(Visual) M&T RE Both
(Visual) M&T RE Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000 Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
Select Material, Class V

General

Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 05/15/1997
To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: N/A
Responsibility:
- M&T
- RE
- Both

Type
- (None)
- M&T
- RE
- Both

Other Reports:
- Density Report Required if used for Backfill; Pay Adj Required

Testing Requirements

Sample Comment: One sample per 2000 metric tons.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Select Material, Class V

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Select Materials</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

| Pretest:             | N/A                                             |
| Alt ID Matching:     | (None)                                          |
| Sample/Test:         | Optional                                        |
| Approved List:       | N/A                                             |
| Visual Inspection:   | N/A                                             |
| Catalog Cut:         | N/A                                             |
| Field Inspection:    | N/A                                             |

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
## Select Material, Class VI

### General
- **Group:** Soils  
- **Status:** Expired  
- **Version:** 3.01  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

- **How Received:** Ticket  
- **Metric/English:** English  
- **Facility Type:** Coarse Aggregate  
- **Default Auth Lab:** Physical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** N/A  
- **Other Reports:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>(None)</td>
<td>RE</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>Both</td>
<td>Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Control</td>
<td>2,000.00</td>
<td>QC Tech</td>
<td>Producer/Supplier</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>6,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Verification</td>
<td>99,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** IA - One comparative test per 50000 yd3.

- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
Select Material, Class VI

General
Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Density Report Required if used for Backfill

Certification: N/A
Type
(All)
Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Quality Control 1,000.00 Project Personnel M&T Lab
Quality Assurance 5,000.00 Project Personnel M&T Lab

Sample Comment: IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In Select Material, Class VI (English) - changed Default
Comment: Authorizing Lab to Soils Lab.
Select Material, Class VI

General

Group: Soils
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: Required
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Density Report Required if used for Backfill

Testing Requirements

Sample Comment: IA - One comparative test per 50000 yd3.
Technician Certifications: (None)

Certification: N/A
Type
(No)
(No)
(No)

Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/06/2000
Performed By: Idean
Check In: Changed default authorizing lab from Physical to Chemical.
Comment:
Select Material, Class VI

General

- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Density Report Required if used for Backfill; Pay Adj Required

Testing Requirements

- **Sample Comment:** One sample per 2000 tons.
- **Technician Certifications:** (None)

Certification:

- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/15/1997

**Performed By:** twittington

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
## Select Material, Class VI

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<td>Facility Type</td>
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<tr>
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<tr>
<td>Project Certification</td>
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<td>MSG Responsibility</td>
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### Methods of Acceptance

<table>
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<td>Visual Inspection</td>
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### Other Reports

- Density Report Required if used for Backfill

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
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<td>Quality Assurance</td>
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<td>M&amp;T Lab</td>
</tr>
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</table>

**Sample Comment:** IA - One comparative test per 50000 yd³.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Select Material, Class VI (English) - changed Default  
**Comment:** Authorizing Lab to Soils Lab.
Select Material, Class VI

General
Group: Soils
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Density Report Required if used for Backfill

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Quality Control | 5,000.00 | Project Personnel | M&T Lab
Quality Assurance | 5,000.00 | Project Personnel | M&T Lab

Sample Comment: IA - One comparative test per 40000 m3.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Changed default authorizing lab from Physical to Chemical.
**Select Material, Class VI**

**General**

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<tr>
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<th>To Date</th>
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<table>
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**Methods of Acceptance**

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**Testing Requirements**

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<table>
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<tr>
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**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  **Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.

**Comment:**
## Select Material, Class VI

### General

<table>
<thead>
<tr>
<th>Group</th>
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<td></td>
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<tr>
<td>Central GeoMaterials Lab</td>
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<tr>
<td>Project Certification</td>
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<td></td>
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<tr>
<td>Minor</td>
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</tr>
<tr>
<td>Physical Lab</td>
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</table>

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Density Report Required if used for Backfill; Pay Adj Required

### Certification

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<tr>
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</tbody>
</table>

- ☐ M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** One sample per 2000 metric tons.
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  
Performed By: fmoody  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
## Select Material, Class VI

### General

<table>
<thead>
<tr>
<th>Group:</th>
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<td>Default Auth Lab:</td>
<td>Physical Lab</td>
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<tr>
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<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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</tbody>
</table>

### Methods of Acceptance

| Pretest:       | N/A                                   |
| Alt ID Matching: | (None)                               |
| Sample/Test:   | Optional                              |
| Approved List: | N/A                                   |
| Visual Inspection: | N/A                               |
| Catalog Cut:   | N/A                                   |
| Field Inspection: | N/A                                 |
| Small Quantity: | ☐                                    |

### Other Reports:

- **Certification**: N/A
- **Responsibility**:
  - (None)
  - (None)
  - (None)

### Testing Requirements

<table>
<thead>
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<th>Test Category</th>
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<th>Testing Responsibility</th>
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<td>Producer/Supplier</td>
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</table>

**Sample Comment:** IA - One comparative test per 50000 yd3.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013

**Performed By:** rpace

**Check In**

**NEW MSG 2013**
North Carolina Department of Transportation
Minimum Sampling Guide

Select Material, Class VII

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Soils</th>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest          | N/A                              |
| Alt ID Matching  | (None)                           |
| Sample/Test      | Optional                         |
| Approved List    | N/A                              |
| Visual Inspection| Optional                         |
| Catalog Cut      | N/A                              |
| Field Inspection | N/A                              |
| Small Quantity   | No                               |
| Other Reports    |                                  |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
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</table>

Sample Comment: IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
### Select Material, Class VII

#### General

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<tr>
<td>Group</td>
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<tr>
<td>MSG Responsibility</td>
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**Status:** Expired  
**Version:** 4.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

#### Methods of Acceptance

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</tr>
<tr>
<td>Small Quantity</td>
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#### Testing Requirements

**Test Category**  
- Quality Control: Sample Frequency = 1,000.00, Sampling Responsibility = Project Personnel, Testing Responsibility = M&T Lab
- Quality Assurance: Sample Frequency = 5,000.00, Sampling Responsibility = Project Personnel, Testing Responsibility = M&T Lab

**Sample Comment:** IA - One comparative test per 50000 yd³.

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Select Material, Class VII (English) - changed Default  
**Comment:** Authorizing Lab to Soils Lab, added Test Category - QC
Select Material, Class VII

General

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<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Group</td>
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<tr>
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Status: History
Version: 3.00
From Date: 10/03/2005  To Date: 10/03/2005

Methods of Acceptance

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Certification: N/A

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<tr>
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Testing Requirements

<table>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<tbody>
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<td>M&amp;T Lab</td>
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Sample Comment: IA - One comparative test per 50000 yd3.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/03/2005  Performed By: fmoody
Check In: Select Material, Class VII (English) - added
## Select Material, Class VII

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

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- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:** IA - One comparative test per 50000 yd3.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean  
**Check In:** Changed default authorizing lab from Physical to Chemical.
North Carolina Department of Transportation
Minimum Sampling Guide

Select Material, Class VII

General
- Group: Soils
- Status: History
- Version: 1.00
- From Date: 05/15/1997
- To Date: 12/11/1999

How Received: Pay Record
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Minor
MSG Responsibility: Soils Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Pay Adj Required

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)

Certification: N/A
- Type: (None)
- Responsibility: □ M&T  〇 RE  〇 Both
- M&T 913 Report (Steel)
### Select Material, Class VII

#### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:**

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</table>

- **Certification:** M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:** IA - One comparative test per 40000 m3.
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 11/15/2006  Performed By: conv  Check In: Changed Approved List Required to N/A per Randy Pace - Comment: mbn*
### Select Material, Class VII

#### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** [ ]

#### Other Reports:
- **Certification:** N/A
- **Responsibility**
  - (None)
  - M&T
  - RE
  - Both

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- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
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<tbody>
<tr>
<td>Quality Control</td>
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<td>M&amp;T Lab</td>
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- **Sample Comment:** IA - One comparative test per 50000 yd3.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv

**Check In:** Select Material, Class VII (English) - changed Default
**Comment:** Authorizing Lab to Soils Lab, added Test Category - QC
Select Material, Class VII

General

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<tr>
<td>MSG Responsibility</td>
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Methods of Acceptance

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Testing Requirements

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Sample Comment: IA - One comparative test per 40000 m3.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Select Material, Class VII

### General
- **Group:** Soils
- **Status:** History
- **Version:** 3.00
- **From Date:** 01/31/2001
- **To Date:** 01/31/2001

### Methods of Acceptance

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### Certification
- **Type:** N/A
- **Responsibility:**
  - (None) M&T RE Both
  - (None) M&T RE Both
  - (None) M&T RE Both

- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:** IA - One comparative test per 40000 m3.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/31/2001  
**Performed By:** mnovello  
**Check In:** Changed Approved List Required to N/A per Randy Pace  
**Comment:** mbn
## Select Material, Class VII

### General
- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** Required
- **Visual Inspection:** Optional
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Sample Comment:** IA - One comparative test per 40000 m3.
- **Technician Certifications:** (None)

### Certification

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- ☑️ M&T 913 Report (Steel)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/06/2000  
**Performed By:** Idean

**Check In:** Changed default authorizing lab from Physical to Chemical.
**Select Material, Class VII**

### General

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### Certification

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- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
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### Action Details

- **Action Date**: 05/15/1997
- **Performed By**: twhillington
- **Check In**: Archive data come from Minimum Sampling Guide on v3.0
- **Comment**: Production db
## Select Material, Class VII

### General

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- **How Received**: Ticket
- **Metric/English**: English
- **Facility Type**: (None)
- **Default Auth Lab**: Central GeoMaterials Lab
- **Project Certification**: Non-Critical
- **MSG Responsibility**: Physical Lab

### Methods of Acceptance

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- **Sample/Test**: Optional
- **Approved List**: N/A
- **Visual Inspection**: Optional
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: □
- **Other Reports**: □

### Testing Requirements

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- **Sample Comment**: IA - One comparative test per 50000 yd3.
- **Technician Certifications**: (None)

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Sheet Steel

General
Group: Steel
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 04/07/1998 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Sample Comment: One 6" wide specimen taken across the full width of the coil/sheet.
Take one sample for each gauge thickness used during production for NCDOT during each plant visit.

Technician Certifications: (None)

Test Formats
1. Sheet Steel Test - Version 4
   
   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

2. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

3. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/07/1998  
Performed By: rpace  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
Sheet Steel for Yearly Quality Check

General

<table>
<thead>
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Methods of Acceptance

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Other Reports:

Testing Requirements

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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</table>

Sample Comment: One 6" wide specimen taken across the full width of the coil/sheet.

Take one sample for each gage thickness used during production for NCDOT during each plant visit. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches th

Technician Certifications: (None)

Test Formats

1. Sheet Steel Test - Version 4
   
   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

2. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013  
Performed By: rpace  
Check In: New 2013 MSG  
Comment:
3. Steel Alloy_ - Version 5

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<td><strong>IA Type:</strong> None</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Sheet Steel for Yearly Quality Check

General

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<th>Group</th>
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<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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</tbody>
</table>

Methods of Acceptance

| Pretest          | Required       |
| Alt ID Matching  | No Match       |
| Sample/Test      | N/A            |
| Approved List    | N/A            |
| Visual Inspection| N/A            |
| Catalog Cut      | N/A            |
| Field Inspection | N/A            |
| Small Quantity   | None           |

Other Reports:

Testing Requirements

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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
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</table>

Sample Comment: One 6" wide specimen taken across the full width of the coil/sheet. Take one sample for each gage thickness used during production for NCDOT during each plant visit.

Technician Certifications: (None)

Test Formats

1. Sheet Steel Test - Version 4
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Steel Alloy - Version 5
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

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<th>Sample/Test Remarks</th>
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</thead>
<tbody>
<tr>
<td>Steel Alloy - Version 5</td>
<td>Chemical Lab</td>
<td>None</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Added material type of subgrade stabilizers, Portland  
**Comment:** cement to the msg.
# Sheet Steel for Yearly Quality Check

## General

<table>
<thead>
<tr>
<th>Field Section</th>
<th>Field Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status: History</td>
<td>Version: 3.00</td>
</tr>
<tr>
<td>From Date: 08/11/2000</td>
<td>To Date: 08/16/2000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group: Steel</th>
<th>How Received: Not Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric/English: Both</td>
<td>Facility Type: (None)</td>
</tr>
<tr>
<td>Default Auth Lab: Field Section</td>
<td>Project Certification: Minor</td>
</tr>
<tr>
<td>MSG Responsibility: Field Section</td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

### Pretest:
- Required

### Alt ID Matching:
- No Match

### Sample/Test:
- N/A

### Approved List:
- N/A

### Visual Inspection:
- N/A

### Catalog Cut:
- N/A

### Field Inspection:
- N/A

### Small Quantity:
- 

<table>
<thead>
<tr>
<th>Certification: Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- (None)

### Technician Certifications:
- (None)

## Testing Requirements

### Sample Comment:
- One 6" wide specimen taken across the full width of the coil/sheet. Take one sample for each gage thickness used during production for NCDOT during each plant visit.

## Test Formats

1. **Sheet Steel Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/11/2000  
**Performed By:** twittington  
**Check In:** Added material type of subgrade stabilizers, Portland cement to the msg.
# Sheet Steel for Yearly Quality Check

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
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<td>MSG Responsibility</td>
<td>Field Section</td>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:** One 6" wide specimen taken across the full width of the coil/sheet. Take one sample for each gauge thickness used during production for NCDOT during each plant visit.

### Technician Certifications

- (None)

### Test Formats

1. **Sheet Steel Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Steel Alloy_ - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twhiltington  
**Check In:** tw - changed ALL Structural Timber Default Authorizing  
**Comment:** Lab to SM - Steel
Sheet Steel for Yearly Quality Check

General

Group: Steel
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 3.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports:

Testing Requirements

Sample Comment: One 6" wide specimen taken across the full width of the coil/sheet.
Take one sample for each gage thickness used during production for NCDOT during each plant visit.

Technician Certifications: (None)

Test Formats

1. Sheet Steel Test - Version 4
   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Steel Alloy - Version 5
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

3. Steel Alloy - Version 5
   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Added material type of subgrade stabilizers, Portland
Comment: cement to the msg.
Sheet Steel for Yearly Quality Check

General

Group: Steel
Status: Current
How Received: Not Received
Version: 4.03
Metric/English: Both
From Date: 01/01/1999
To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: Required
Responsibility

Type

1: Certified Mill Test Report
M&T Field
RE Field
Both

Technical Certifications: (None)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab

Sample Comment: One 6" wide specimen taken across the full width of the coil/sheet.
Take one sample for each gage thickness used during production for NCDOT during each plant visit. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches th

Technician Certifications: (None)

Test Formats

1. Sheet Steel Test - Version 4
Owning Lab: Physical Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks:

2. Steel Alloy - Version 5
Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Test Formats

3. Steel Alloy_ - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Perform By: rpace
Check In: New MSG Groups 2013
Comment:
# Minimum Sampling Guide

## Sheet Steel for Yearly Quality Check

### General
- **Group:** Steel
- **Status:** Expired
- **Version:** 4.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Small Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Sample Comment:
One 6" wide specimen taken across the full width of the coil/sheet. Take one sample for each gage thickness used during production for NCDOT during each plant visit. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

### Technician Certifications:
(None)

#### Test Formats

1. **Sheet Steel Test - Version 4**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
### Test Formats

<table>
<thead>
<tr>
<th>Test</th>
<th>Description</th>
<th>Metric/English Code</th>
<th>IA Type</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>Steel Alloy - Version 5</td>
<td>Both</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/20/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
Shotcrete

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 2.01
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: N/A

Responsibility

<table>
<thead>
<tr>
<th>Type</th>
<th>M&amp;T</th>
<th>RE</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>(None)</td>
<td>(None)</td>
</tr>
</tbody>
</table>

| M&T 913 Report (Steel) |

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 50.00 | Project Personnel | M&T Lab

Sample Comment: One set of three cores from one test panel per day's operation.

Technician Certifications: (None)

Test Formats

1. Concrete Cores Test - Version 5
   
   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** English  
   **Sample/Test Remarks:**

2. Concrete Cores Test (Metric) - Version 1
   
   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Shotcrete

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest         | N/A                                        |
| Alt ID Matching | (None)                                    |
| Sample/Test     | Required                                   |
| Approved List   | N/A                                        |
| Visual Inspection| N/A                                       |
| Catalog Cut     | N/A                                        |
| Field Inspection| N/A                                        |
| Small Quantity  | N/A                                        |
| Other Reports   | Prepayment Invoice Required                |

### Certification

| Type       | N/A                                      |
| Certification(s) | M&T 913 Report (Steel)                     |
| Responsibility | M &T ○ RE ○ Both                      |

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: Take 3 core samples from one test panel for each days operation.

### Technician Certifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)</td>
</tr>
</tbody>
</table>

### Test Formats

1. Concrete Cores Test - Version 5

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Physical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
</tbody>
</table>

Metric/English Code: English

Sample/Test Remarks: None

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Shotcrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 100.00 | Project Personnel | Project Personnel

Sample Comment: Take three core samples from one test panel for each day of operation.

Technician Certifications:
Type | Certification(s)
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cores Test (Metric) - Version 1

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 02/01/2012
Performed By: dimiller
Check In
Comment:
Shotcrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 10/01/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: N/A
Type
(Required) M &T RE Both
(Required) M &T RE Both
(Required) M &T RE Both

Responsibility

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel Project Personnel

Sample Comment:

Technician Certifications:

Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cores Test (Metric) - Version 1
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006 Performed By: conv
Check In: Shotcrete (Metric) - changed Testing Responsibility to Project Personnel, added Test Format Concrete Cores
Shotcrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 10/01/2001
To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category: Acceptance
Sample Frequency: 100.00
Sampling Responsibility: Project Personnel
Testing Responsibility: Project Personnel

Sample Comment:

Test Formats
1. Concrete Cores Test - Version 5

Owning Lab: Physical Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Shotcrete

General
Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 10/03/2005  To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance  50.00 Project Personnel Project Personnel

Sample Comment: One set of three cores from one test panel per day's operation

Technician Certifications:
Type Certification(s)
Sampling Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cores Test - Version 5
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Concrete Cores Test (Metric) - Version 1
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Shotcrete (Both) - changed Visual Inspection to NA, Testing Responsibility to Project Personnel, added Concrete Field Technician (Testing), Concrete Batch Technician (Batching), Concrete Mix Design Technician (Design)
## Shotcrete

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Status:** Current
**Version:** 2.00
**From Date:** 01/01/1999  **To Date:** 12/31/2075

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>☐</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:**

- **Type:** Sampling
  - **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. **Concrete Cores Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** fmoody

**Check In:** Shotcrete (Metric) - changed Testing Responsibility to Project Personnel, added Test Format Concrete Cores
Shotcrete

General
- Group: Concrete
- How Received: Material Receipt
- Metric/English: Metric
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required

Certification: N/A
- Type
  - Certification(s)
  - Responsibility
    - M&T
    - RE
    - Both

Testing Requirements
- Test Category: Acceptance
- Sample Frequency: 100.00
- Sampling Responsibility: Project Personnel
- Testing Responsibility: M&T Field

Sample Comment:

Technician Certifications:
- Type: Sampling
  - Certification(s): Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

Test Formats
1. Concrete Cores Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/01/2001
Performed By: rpace
Check In: Added Shotcrete
Comment:
## Shotcrete

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

### Sample Comment:

- **Test Category**: Acceptance
- **Sample Frequency**: 100.00
- **Sampling Responsibility**: Project Personnel
- **Testing Responsibility**: Project Personnel

### Technician Certifications:

- **Type**: Sampling
- **Certification(s)**: Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. **Concrete Cores Test - Version 5**
   - **Owning Lab**: Physical Lab
   - **IA Type**: None
   - **Metric/English Code**: English
   - **Sample/Test Remarks**: None

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 01/01/1999  **Performed By**: fmoody

**Check In**: Shotcrete (English) - changed Testing Responsibility to Project Personnel. **Comment**: Project Personnel.
# Minimum Sampling Guide

## Shotcrete

### General

- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>Prepayment Invoice Required</td>
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</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample Comment:</th>
<th>Technician Certifications:</th>
</tr>
</thead>
</table>

Type | Certification(s) |
Sampling | Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design) |

### Test Formats

1. Concrete Cores Test - Version 5

   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/01/2001  
**Performed By:** rpace  
**Check In:** added shotcrete  
**Comment:**  

Shotcrete

General

- Group: Concrete
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Physical Lab

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: None
- Other Reports: Prepayment Invoice Required

Testing Requirements

- Test Category: Concrete Cores Test
- Sample Frequency: 50.00
- Sampling Responsibility: Project Personnel
- Testing Responsibility: M&T Lab
- Sample Comment: One set of three cores from one test panel per day's operation.
- Technician Certifications: (None)

Test Formats

1. Concrete Cores Test - Version 5
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Concrete Cores Test (Metric) - Version 1
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Shotcrete

### General
- **Group:** Concrete
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:** One set of three cores from one test panel per day's operation

### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Concrete Field Technician (Testing) OR Concrete Batch Technician (Batching) OR Concrete Mix Design Technician (Design)

### Test Formats

1. **Concrete Cores Test - Version 5**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Concrete Cores Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Shotcrete (Both) - changed Visual Inspection to NA, Testing Responsibility to Project Personnel, added Certification(s) Type

**Comment:**
- Shotcrete (Both) - changed Visual Inspection to NA, Testing Responsibility to Project Personnel, added Certification(s) Type
Shotcrete

General

Group: Concrete
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: History
Version: 1.00
From Date: 06/28/2001 To Date: 06/30/2001

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: Optional
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: N/A

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
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<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 50.00 | Project Personnel | M&T Lab

Sample Comment: One set of three cores from one test panel per day's operation

Test Formats

1. Concrete Cores Test - Version 5
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

2. Concrete Cores Test (Metric) - Version 1
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: Metric
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Shoulder Drain, Geocomposite

General

Group: Landscape  Status: Correcting
How Received: Material Receipt  Version: 2.01
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: N/A  Alt ID Matching: (None)
Sample/Test: N/A  Approved List: N/A
Visual Inspection: N/A  Catalog Cut: Required
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Certification Type 1, 2, or 4 Required; Prepayment Invoice Required

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Shoulder Drain, Geocomposite

### General

<table>
<thead>
<tr>
<th>Field</th>
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<tr>
<td>Group</td>
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<td>How Received</td>
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<td>Metric/English</td>
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<td>Facility Type</td>
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<td>Default Auth Lab</td>
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<td>Project Certification</td>
<td>Non-Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pretest</td>
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<tr>
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<td>Sample/Test</td>
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<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
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#### Certification

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T</td>
</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**: N/A

### Testing Requirements

**Sample Comment:**

- Technician Certifications: (None)

### Test Formats

1. **Field Section Miscellaneous Test - Version 3**

<table>
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<table>
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<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Metric/English Code</td>
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<tr>
<td>Sample/Test Remarks</td>
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</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:**
Shoulder Drain, Geocomposite

**General**
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Status:** Expired  
**Version:** 2.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** Required  
- **Field Inspection:** N/A  
- **Small Quantity:** □  
- **Other Reports:** Certification Type 1, 2, or 4 Required; Prepayment Invoice Required

**Certification:** Required  
**Type**  
1. Certified Mill Test Report  
2. Typical Certified Mill Test Report  
4. Certified Test Reports

**Responsibility**  
- M&T  
- RE  
- Both

- M&T 913 Report (Steel)

**Testing Requirements**
- **Sample Comment:**  
  **Technician Certifications:** (None)

**Test Formats**
1. Field Section Miscellaneous Test - Version 3

  **Owning Lab:** Field Section  
  **Metric/English Code:** Both  
  **IA Type:** None  
  **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v6conv  
**Check In:** In step changes  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Shoulder Drain, Geocomposite

**General**

- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Certification Type 1, 2, or 4 Required; Prepayment Invoice Required; Pay Adj Required

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>☐ M&amp;T ☐ RE ☐ Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**

1. Field Section Miscellaneous Test - Version 3

- **Owning Lab:** Field Section
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/1997
**Performed By:** twittington
**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
**Shoulder Drain, Geocomposite**

**General**

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<tr>
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<th>Project Certification</th>
<th>MSG Responsibility</th>
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<tbody>
<tr>
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<td>Metric</td>
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<td>Field Section</td>
<td>Non-Critical</td>
<td>Field Section</td>
</tr>
<tr>
<td></td>
<td></td>
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**Methods of Acceptance**

<table>
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<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>Certification Type 1, 2, or 4 Required; Prepayment Invoice Required</td>
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</tbody>
</table>

**Testing Requirements**

**Sample Comment:**

- Technician Certifications: (None)

**Test Formats**

1. **Field Section Miscellaneous Test - Version 3**

   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In** In step changes

**Comment:**
Shoulder Drain, Geocomposite

General
Group: Landscape
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Field Section

Status: History
Version: 1.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Certification Type 1, 2, or 4 Required; Prepayment Invoice Required

Testing Requirements
Sample Comment: 
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   Owning Lab: Field Section
   Metric/English Code: Both
   IA Type: None
   Sample/Test Remarks:
   Certification: Required
   Type
   | Responsibility |
   | M&T | RE | Both |
   |----------------|
   | 1: Certified Mill Test Report | O | | |
   | 2: Typical Certified Mill Test Report | O | | |
   | 4: Certified Test Reports | O | | |
   M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 11/15/2006
Performed By: conv
Check In: In step changes
Comment:
Shoulder Drain, Geocomposite

**General**
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Status:** Current
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Certification Type 1, 2, or 4 Required; Prepayment Invoice Required

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

**Test Formats**
- **1. Field Section Miscellaneous Test - Version 3**
  - **Owning Lab:** Field Section
  - **IA Type:** None
  - **Metric/English Code:** Both
  - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** v5conv
**Check In:** In step changes
**Comment:**

- Certification: Required
  - **Type**
    - 1: Certified Mill Test Report
    - 2: Typical Certified Mill Test Report
    - 4: Certified Test Reports
  - **Responsibility**
    - M&T
    - RE
    - Both
  - **M&T 913 Report (Steel)**
## Shoulder Drain, Geocomposite

### General
- **Group:** Landscape
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

<table>
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<th>Status</th>
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<tbody>
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<td>03/25/1997</td>
</tr>
<tr>
<td><strong>To Date:</strong></td>
<td>12/11/1999</td>
</tr>
</tbody>
</table>

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Certification Type 1, 2, or 4 Required; Prepayment Invoice Required; Pay Adj Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/25/1997  
**Performed By:** dgree

**Check In:** Archive data come from Minimum Sampling Guide on v3.0
**Comment:** Production db
North Carolina Department of Transportation
Minimum Sampling Guide

Sign Post, U-Channel

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: Both
Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Galvanizing check by M&T

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Galvanized Metals (Metric) - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Metric
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Sign Post, U-Channel

General

- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Galvanizing check by M&T.

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Buy America (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Testing Requirements

- Test Category: Verification
- Sample Frequency: 999,999.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Lab

Sample Comment:

- Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6

- Owning Lab: Chemical Lab
- IA Type: None
- Metric/English Code: English
- Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Sign Post, U-Channel

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Galvanizing check by M&T

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:
- **Technician Certifications:** (None)

#### Test Formats
1. Galvanized Metals (Metric) - Version 5

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Lab</td>
<td>Metric</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012  
**Performed By:** dimiller  
**Check In**
**Comment:**

---

**Status:** Correcting  
**Version:** 2.01  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075
Sign Post, U-Channel

General
- Group: Miscellaneous
- How Received: Not Received
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Minor
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Optional
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Galvanizing check by M&T

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment:
- Technician Certifications: (None)

Test Formats
1. Galvanized Metals - Version 6
   - *Owning Lab*: Chemical Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   - *Owning Lab*: Chemical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Sign Post, U-Channel (Both) Changed Project Certification
**Comment:** to Minor and How Received to Not Received.
# Minimum Sampling Guide

## Sign Post, U-Channel

### General
- **Group:** Miscellaneous  
- **Status:** Current  
- **Version:** 2.00  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

#### Facility Type:
- (None)

#### Default Auth Lab:
- Chemical Lab

#### Project Certification:
- Minor

#### MSG Responsibility:
- Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
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<tbody>
<tr>
<td>N/A</td>
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<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report (None)</td>
<td>Both</td>
<td>M&amp;T  ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

### Testing Requirements

- **Test Category:** Verification  
- **Sample Frequency:** 999,999.00  
- **Sampling Responsibility:** M&T Lab  
- **Testing Responsibility:** M&T Lab

#### Sample Comment:
- (None)

#### Technician Certifications:
- (None)

### Test Formats

1. **Galvanized Metals (Metric) - Version 5**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Check In:** Sign Post, U-Channel (Metric) Changed Project

**Comment:** Certification to Minor and How Received to Not Received.
Sign Post, U-Channel

General

Group: Miscellaneous  Status: Expired
How Received: Not Received  Version: 2.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports: Galvanizing check by M&T.

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 999,999.00 M&T Lab M&T Lab

Sample Comment:
Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6

Owning Lab: Chemical Lab  Metric/English Code: English
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Sign Post, U-Channel

General

Group: Miscellaneous  Status: History
How Received: Not Received  Version: 1.01
Metric/English: Metric  From Date: 04/16/2004
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Galvanizing check by M&T

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- M&T 913 Report (Steel)

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  999,999.00  M&T Lab  M&T Lab

Sample Comment:

- Technician Certifications: (None)

Test Formats

1. Galvanized Metals (Metric) - Version 5

- Owning Lab: Chemical Lab
- Metric/English Code: Metric
- IA Type: None
- Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Minimum Sampling Guide

## Sign Post, U-Channel

### General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Galvanizing check by M&T.

### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
--- | --- | --- | ---
Verification | 999,999.00 | M&T Lab | M&T Lab

**Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
- **Galvanized Metals - Version 6**

**Owning Lab:** Chemical Lab  
**IA Type:** None  
**Metric/English Code:** English  
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Sign Post, U-Channel (English) Changed Project  
**Comment:** Certification to Minor and How Received to Not Received.
### Sign Post, U-Channel

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
<th>History</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
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<td>Both</td>
<td>From Date</td>
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</tr>
<tr>
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<td>To Date</td>
<td>09/23/2006</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Certification</th>
<th>M&amp;T Lab</th>
</tr>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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<td>Required Type</td>
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<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
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<td></td>
</tr>
<tr>
<td>Visual Inspection</td>
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</tr>
<tr>
<td>Catalog Cut</td>
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</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td></td>
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</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Galvanizing check by M&amp;T</td>
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#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:

**Technician Certifications:** (None)

#### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Sign Post, U-Channel (Both) Changed Project Certification  
**Comment:** to Minor and How Received to Not Received.
# Sign Post, U-Channel

## General
- **Group:** Steel  
- **Status:** Current  
- **Version:** 2.03  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members  

## Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Galvanizing check by M&T.

## Testing Requirements
- **Test Category:** [Certification: Required]
- **Type:**  
  - 1: Certified Mill Test Report  
  - Buy America
- **Responsibility:**  
  - M&amp;T  
  - RE  
  - Both

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

**Technician Certifications:** (None)

## Test Formats
1. Galvanized Metals - Version 6

**Owning Lab:** Chemical Lab

**IA Type:** None

**Metric/English Code:** English

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 07/14/2014  
**Performed By:** fordward  
**Check In:** Changed Sample Test from Required to Optional.  
**Comment:**
### Sign Post, U-Channel

#### General
<table>
<thead>
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<th>Steel</th>
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<tbody>
<tr>
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<tr>
<td>Metric/English:</td>
<td>English</td>
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<tr>
<td>Facility Type:</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

#### Methods of Acceptance
| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |

#### Other Reports:
- Galvanizing check by M&T.

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- (None)

**Technician Certifications:**
- (None)

**Test Formats**

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

**Metric/English Code:** English

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/28/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**

---

**Expiration:** Required  
**Reinforcement:** M,T,RE,Both  
**Responsibility:** M&T  
**Certification:** M&T 913 Report (Steel)
## Sign Post, U-Channel

### General
- **Group:** Steel
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 2.02
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** None
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** None
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Galvanizing check by M&T

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

### Samples Comment:

- **Technician Certifications:** None

### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Sign Supports, Overhead

**General**
- **Group:** Miscellaneous
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.02
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Shop Drawing Required; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pre-tested - M&T samples only

**Technician Certifications:** (None)

**Test Formats**

1. **Pipe Steel Test - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Pipe Steel Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Certification:** Required
- **Type:** 1: Certified Mill Test Report
- **Responsibility:**
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**

---

North Carolina Department of Transportation  
Minimum Sampling Guide
<table>
<thead>
<tr>
<th>Test Formats</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Steel Alloy - Version 5</td>
<td><strong>Owning Lab:</strong> Chemical Lab</td>
<td><strong>Metric/English Code:</strong> Both</td>
</tr>
<tr>
<td></td>
<td><strong>IA Type:</strong> None</td>
<td><strong>Sample/Test Remarks:</strong></td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** New 2013 MSG
**Comment:**
Sign Supports, Overhead

General
Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 2.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)  Default Auth Lab: Physical Lab
Project Certification: Critical  MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type  Responsibility
Sample/Test: N/A  1: Certified Mill Test Report
Approved List: N/A  (None)  M&T
Visual Inspection: N/A  (None)  RE
Catalog Cut: N/A  Both  M&T
Field Inspection: N/A  RE
Small Quantity:  M&T  Both
Other Reports: Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Pretest  999,999.00  M&T Lab  M&T Lab
Sample Comment: Pre-tested - M&T samples only
Technician Certifications: (None)

Test Formats
1. Pipe Steel Test - Version 2
   Owner Lab: Physical Lab  Metric/English Code: English
   IA Type: None  Sample/Test Remarks:

2. Pipe Steel Test (Metric) - Version 1
   Owner Lab: Physical Lab  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:

3. Steel Alloy - Version 5
   Owner Lab: Chemical Lab  Metric/English Code: Both
   IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/07/2007  Performed By: rpace
Check In  ?  Comment:
Test Formats

4. Steel Alloy - Version 5

<table>
<thead>
<tr>
<th>Owning Lab: Chemical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English Code: Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/07/2007
Performed By: rpace
Check In: ?
Comment:
### Sign Supports, Overhead

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>2.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
<th>Certification</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
<td>Responsibility</td>
<td></td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Shop Drawing Required; Prepayment Invoice Required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pre-tested - M&T samples only

**Technician Certifications:** (None)

#### Test Formats

1. **Pipe Steel Test - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Pipe Steel Test (Metric) - Version 1**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
## Test Formats

<table>
<thead>
<tr>
<th>Test Format</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4. Steel Alloy</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

**Owning Lab**: Chemical Lab  
**IA Type**: None

**Metric/English Code**: Both

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 01/01/1999  
**Performed By**: v5conv

**Check In**: Archive data come from Minimum Sampling Guide on v3.0

**Comment**: Production db
### Sign Supports, Overhead

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>Metric/English</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miscellaneous</td>
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<td>Both</td>
<td>10/15/1997</td>
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<table>
<thead>
<tr>
<th>How Received</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Receipt</td>
<td>1.00</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
<th>MSG Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>Physical Lab</td>
<td>Non-Critical</td>
<td>Structural Members</td>
<td></td>
</tr>
</tbody>
</table>

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>No Match</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

**Testing Requirements**

**Sample Comment:**

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Technician Certifications:** (None)

**Test Formats**

1. **Pipe Steel Test** - Version 2
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Pipe Steel Test (Metric)** - Version 1
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Steel Alloy** - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Certification**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td></td>
</tr>
</tbody>
</table>

*None*

**IA Type:**

- **Owning Lab:** Physical Lab
- **Metric/English Code:** Both

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Test Formats

4. Steel Alloy - Version 5

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
North Carolina Department of Transportation
Minimum Sampling Guide

Sign Supports, Overhead

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Shop Drawing Required; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested - M&T samples only

Technician Certifications: (None)

Test Formats

1. Pipe Steel Test - Version 2

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>English</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

2. Pipe Steel Test (Metric) - Version 1

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Metric</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
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</tbody>
</table>

3. Steel Alloy - Version 5

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
</tr>
<tr>
<td>Metric/English Code</td>
<td>Both</td>
</tr>
<tr>
<td>Sample/Test Remarks</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
Test Formats

4. Steel Alloy - Version 5

- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013
**Performed By:** rpace
**Check In:** New MSG Groups 2013
**Comment:**
Sign Supports, Steel Beam

**General**
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

**Certification:**
- **Type:** Required
  - 1: Certified Mill Test Report
  - 2: Product Certification
  - 3: Physical Lab Test Report

**Responsibility**
- M&T
- RE
- Both

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
(None)

**Technician Certifications:**
None

**Test Formats**

1. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** v5conv

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
Sign Supports, Steel Beam

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Pretest | 999,999.00 | M&T Lab | M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None

   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None

   **Metric/English Code:** Both
   **Sample/Test Remarks:**

3. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None

   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Sign Supports, Steel Beam

General

Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

| Pretest: Required |
| Alt ID Matching: No Match |
| Sample/Test: N/A |
| Approved List: N/A |
| Visual Inspection: N/A |
| Catalog Cut: N/A |
| Field Inspection: N/A |
| Small Quantity: N/A |

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td></td>
</tr>
<tr>
<td>(None)</td>
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</tr>
<tr>
<td>M&amp;T Lab</td>
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</tr>
<tr>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

Sample/Test Remarks: M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 999,999.00 M&T Lab M&T Lab

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Galvanized Metals - Version 6
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |
   | Metric/English Code: English |
   | Sample/Test Remarks: |

2. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |
   | Metric/English Code: Both |
   | Sample/Test Remarks: |

3. Steel Alloy - Version 5
   
   | Owning Lab: Chemical Lab |
   | IA Type: None |
   | Metric/English Code: Both |
   | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Signs and Signing Materials

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: Signing Materials
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A

Certification: Required
Responsibility Type
3: Manufacturer's Certification
⇒ M&T ○ RE ○ Both
(None)
(None)

M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Pretest | 999,999.00 | M&T Lab | M&T Field

Sample Comment: Pre-tested. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

Test Formats
1. Aluminum Alloy - Version 9
   - **Owning Lab:** Chemical Lab
     - IA Type: None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. Aluminum Alloy 2XXX - Version 5
   - **Owning Lab:** Chemical Lab
     - IA Type: None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. Aluminum Alloy 3XXX - Version 5
   - **Owning Lab:** Chemical Lab
     - IA Type: None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

4. Aluminum Alloy SXXX - Version 5

   | Owning Lab: Chemical Lab |
   | IA Type: None            |
   | Metric/English Code: Both|
   | Sample/Test Remarks:     |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Perform By: rpace
Check In: New 2013 MSG
Comment:
Signs and Signing Materials

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: Signing Materials
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.01
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Shop Drawing Required

Certification: Required
Type

3: Manufacturer's Certification
(M&T) (RE) (Both)

Responsibility

M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Pretest | 999,999.00 | M&T Lab | M&T Field

Sample Comment: Pre-tested. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Aluminum Alloy 2XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

3. Aluminum Alloy 3XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Test Formats

4. Aluminum Alloy 5XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

5. Aluminum Sign Materials - Version 3

   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Check In: NEW 2013 MSG
Comment:
# Minimum Sampling Guide

## Signs and Signing Materials

### General
- **Group:** Traffic Control
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** Signing Materials
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Shop Drawing Required

### Testing Requirements
- **Test Category**
  - Pretest
- **Sample Frequency:** 999,999.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Field
- **Sample Comment:** Pre-tested
- **Technician Certifications:** (None)

### Test Formats
1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Aluminum Alloy 3XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 01/01/1999  Performed By: v5conv  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db*
### Test Formats

4. Aluminum Alloy SXXX - Version 5

<table>
<thead>
<tr>
<th><strong>Owning Lab:</strong> Chemical Lab</th>
<th><strong>Metric/English Code:</strong> Both</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IA Type:</strong> None</td>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** v5conv

**Check In**  Archive data come from Minimum Sampling Guide on v3.0  **Comment:** Production db
## Signs and Signing Materials

### General
- **Group:** Traffic Control
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Both
- **From Date:** 10/15/1997
- **To Date:** 12/11/1999
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Shop Drawing Required; Pay Adj Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

### M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Test Formats
1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Aluminum Alloy 3XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date: 10/15/1997
### Performed By: fmoody
### Check In: Archive data come from Minimum Sampling Guide on v3.0
### Comment: Production db
Test Formats

4. Aluminum Alloy SXXX - Version 5

Owning Lab: Chemical Lab

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Signs and Signing Materials

General

Group: Traffic Control
Status: Current
How Received: Material Receipt
Version: 2.00
Metric/English: Metric
From Date: 01/01/1999
To Date: 12/31/2075
Default Auth Lab: Signing Materials
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Shop Drawing Required

Testing Requirements

Test Category: Pretest
Sample Frequency: 999,999.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Field
Sample Comment: Pre-tested
Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Aluminum Alloy 2XXX - Version 5
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

3. Aluminum Alloy 3XXX - Version 5
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

4. Aluminum Alloy 5XXX - Version 5
   
   **Owning Lab:** Chemical Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

5. Sign Materials Test (Metric) - Version 1
   
   **Owning Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation  
Minimum Sampling Guide

### Signs and Signing Materials

#### General
- **Group**: Traffic Control
- **Status**: History
- **Version**: 1.00
- **From Date**: 10/15/1997  
  **To Date**: 12/11/1999

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Required</th>
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</thead>
<tbody>
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<tr>
<td>Visual Inspection:</td>
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<td>Catalog Cut:</td>
<td>N/A</td>
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<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Shop Drawing Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

#### Certification: N/A

- **Type**: M & T  
  RE  
  Both
- **Responsibility**: (None)  
  M & T  
  RE  
  Both

#### Sample/Test Remarks:

- M & T 913 Report (Steel)

### Testing Requirements

#### Sample Comment:

- Technician Certifications: (None)

#### Test Formats

1. **Aluminum Alloy - Version 9**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: Archive data come from Minimum Sampling Guide on v3.0

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: Production db

3. **Aluminum Alloy 3XXX - Version 5**
   - **Owning Lab**: Chemical Lab
   - **IA Type**: None
   - **Metric/English Code**: Both
   - **Sample/Test Remarks**: Production db

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date**: 10/15/1997  
**Performed By**: fmoody  
**Check In**: Archive data come from Minimum Sampling Guide on v3.0  
**Comment**: Production db
## Test Formats

### 4. Aluminum Alloy 5XXX - Version 5

| Owning Lab: | Chemical Lab |
| Metric/English Code: | Both |
| IA Type: | None |

### 5. Sign Materials Test (Metric) - Version 1

| Owning Lab: | Physical Lab |
| Metric/English Code: | Metric |
| IA Type: | None |

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  
Performed By: fmoody  
Check In: Archive data come from Minimum Sampling Guide on v3.0  
Comment: Production db
**Signs and Signing Materials**

**General**

- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Signing Materials
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Shop Drawing Required

**Certification**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

**Test Formats**

1. **Aluminum Alloy - Version 9**
   - **Owning Lab:** Chemical Lab
     - **IA Type:** None
     - **Metric/English Code:** Both
     - **Sample/Test Remarks:**

2. **Aluminum Alloy 2XXX - Version 5**
   - **Owning Lab:** Chemical Lab
     - **IA Type:** None
     - **Metric/English Code:** Both
     - **Sample/Test Remarks:**

3. **Aluminum Alloy 3XXX - Version 5**
   - **Owning Lab:** Chemical Lab
     - **IA Type:** None
     - **Metric/English Code:** Both
     - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** v5conv

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
### Test Formats

4. **Aluminum Alloy 5XXX - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

5. **Aluminum Sign Materials - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Signs and Signing Materials

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Traffic Control</th>
<th>Status:</th>
<th>History</th>
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</thead>
<tbody>
<tr>
<td>HowReceived:</td>
<td>Material Receipt</td>
<td>Version:</td>
<td>1.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>10/15/1997</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:             | Required | Certification: | N/A |
| Alt ID Matching:     | No Match | Type          |     |
| Sample/Test:         | N/A      | Responsibility | M&T RE Both |
| Approved List:       | N/A      | (None)        | M&T RE Both |
| Visual Inspection:   | N/A      | (None)        | M&T RE Both |
| Catalog Cut:         | N/A      | (None)        | M&T RE Both |
| Field Inspection:    | N/A      |               | M&T RE Both |
| Small Quantity:      |          |               | M&T RE Both |
| Other Reports:       | Shop Drawing Required; Pay Adj Required |

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9
   
   | Owning Lab: | Chemical Lab |
   | IA Type:    | None         |
   | Metric/English Code: | Both         |
   | Sample/Test Remarks: |

2. Aluminum Alloy 2XXX - Version 5
   
   | Owning Lab: | Chemical Lab |
   | IA Type:    | None         |
   | Metric/English Code: | Both         |
   | Sample/Test Remarks: |

3. Aluminum Alloy 3XXX - Version 5
   
   | Owning Lab: | Chemical Lab |
   | IA Type:    | None         |
   | Metric/English Code: | Both         |
   | Sample/Test Remarks: |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Perform By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Test Formats

<table>
<thead>
<tr>
<th>ID</th>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
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<tbody>
<tr>
<td>4</td>
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<td>5</td>
<td>Aluminum Sign Materials - Version 3</td>
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<td><strong>IA Type:</strong> None</td>
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---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Perform By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Signs and Signing Materials

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: Signing Materials
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: Current
Version: 2.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Shop Drawing Required

Certification: Required
Type
3: Manufacturer's Certification
   (None)
   (None)
   M&T 913 Report (Steel)
   M&T RE Both

Responsibility
M&T RE Both

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Pre-tested. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

Technician Certifications: (None)

Test Formats

1. Aluminum Alloy - Version 9
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Aluminum Alloy 2XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

3. Aluminum Alloy 3XXX - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/21/2018
Performed By: fdward
Check In: Add new material - Silance, Liquid
Comment:
### Test Formats

4. **Aluminum Alloy 5XXX - Version 5**

<table>
<thead>
<tr>
<th>Metric/English Code: Both</th>
<th>Sample/Test Remarks:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Owning Lab: Chemical Lab</td>
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</tbody>
</table>

### Silane, Liquid

#### General

<table>
<thead>
<tr>
<th>Group: Concrete</th>
<th>Status: Current</th>
<th>Metric/English: English</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received: Material Receipt</td>
<td>Version: 1.00</td>
<td>Facility Type: (None)</td>
</tr>
<tr>
<td>Metric/English Code: Both</td>
<td>From Date: 09/21/2018</td>
<td>Default Auth Lab: Chemical Lab</td>
</tr>
<tr>
<td>Facility Type: (None)</td>
<td>To Date: 12/31/2075</td>
<td>Project Certification: Critical</td>
</tr>
<tr>
<td>MSG Responsibility: Chemical Lab</td>
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#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest: N/A</th>
<th>Certification: Required</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Alt ID Matching: (None)</td>
<td>Type</td>
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</tr>
<tr>
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</tr>
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<td>Approved List: N/A</td>
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</tr>
<tr>
<td>Visual Inspection: N/A</td>
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</tr>
<tr>
<td>Catalog Cut: N/A</td>
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<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>Field Inspection: N/A</td>
<td>M&amp;T 913 Report (Steel)</td>
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<tr>
<td>Small Quantity:</td>
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</tr>
<tr>
<td>Other Reports:</td>
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#### Testing Requirements

<table>
<thead>
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<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>Project Personnel</td>
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</table>

#### Sample Comment:

- Technician Certifications: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/21/2018  
Performed By: fdward  
Check In: Add new material - Silance, Liquid  
Comment:
Slit Fence Accessories

General
Group: Landscape
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Roadside Environmental Traffic Engineering

Status: History
Version: 1.00
From Date: 10/15/1997
To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:
Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3

Owning Lab: Field Section
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Soil Type Base Course

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Soils</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Ticket</td>
<td>Version:</td>
<td>1.00</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>English</td>
<td>From Date:</td>
<td>06/25/1997</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest:     | N/A                          |
| Alt ID Matching: | (None)                     |
| Sample/Test: | Required                     |
| Approved List: | N/A                         |
| Visual Inspection: | N/A                       |
| Catalog Cut: | N/A                          |
| Field Inspection: | N/A                        |
| Small Quantity: | N/A                        |
| Other Reports: | M&T 500, 503, 504; Pay Adj Required |

#### Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment:** One sample per 500 linear feet of roadway. One sample is equal to three cores: One from the centerline and One core approximately 3 feet from EACH edge.

#### Technician Certifications: (None)

#### Test Formats

1. **Conventional Density Test 1** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

3. **Conventional Density Test 3** - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/25/1997  
**Performed By:** twllington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Test Formats

4. Soils for Quality - Version 4

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils Lab</td>
<td>English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IA Type</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 06/25/1997  
**Performed By:** twhiltington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Soil Type Base Course

#### General
- **Status:** History
- **Version:** 1.00
- **From Date:** 06/25/1997
- **To Date:** 12/11/1999

- **Group:** Soils
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>No</td>
</tr>
<tr>
<td>Other Reports</td>
<td>M&amp;T 500, 503, 504; Pay Adj Required</td>
</tr>
</tbody>
</table>

#### Certification
- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel)**

#### Testing Requirements

- **Sample Comment:**
  - One sample per 150 meters of roadway. One sample is equal to three cores:
  - One from the centerline and One core approximately 1 meter from EACH edge.

- **Technician Certifications:** (None)

#### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

3. **Conventional Density Test 3 - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/24/2012  
**Performed By:** Edward

**Check In:** Added Stain for Concrete

**Comment:**

---

Edward performed the action on 04/24/2012. He added stain for concrete.
North Carolina Department of Transportation
Minimum Sampling Guide

Test Formats
4. Soils for Quality Test - Version 2

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Metric
Sample/Test Remarks:

Stain for Concrete

General
Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.00
From Date: 04/24/2012
To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity:
Other Reports:

Certification: N/A

Responsibility
(M&T) (RE) (Both)
(Non) (Non) (Non)

☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/24/2012
Performed By: fdward
Check In: Added Stain for Concrete
Comment:
### Stain for Concrete

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Concrete</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
<td>(None)</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
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<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
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<td>MSG Responsibility</td>
<td>Physical Lab</td>
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**Status:** Current  
**Version:** 1.02  
**From Date:** 04/24/2012  
**To Date:** 12/31/2075

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

**Certification:** N/A  
**Type:** N/A  
**Responsibility:**

- (None)
- (None)
- (None)

- [ ] M&T 913 Report (Steel)

**Testing Requirements**

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/24/2012  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:** None
**Stain for Concrete**

**General**

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
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</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

**Status:** Expired  
**Version:** 1.01  
**From Date:** 04/24/2012  
**To Date:** 12/31/2075

**Methods of Acceptance**

| Pretest             | N/A |
| Alt ID Matching     | (None) |
| Sample/Test         | N/A |
| Approved List       | N/A |
| Visual Inspection   | N/A |
| Catalog Cut         | Required |
| Field Inspection    | N/A |
| Small Quantity      |  |
| Other Reports       |  |

**Certification:** N/A  
**Type:** N/A  
**Responsibility:**

<table>
<thead>
<tr>
<th>M &amp; T</th>
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<th>Both</th>
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<tbody>
<tr>
<td>(None)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(None)</td>
<td></td>
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<tr>
<td>(None)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M &amp; T</td>
<td>RE</td>
<td>Both</td>
</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

**Testing Requirements**

<table>
<thead>
<tr>
<th>Sample Comment:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Technician Certifications:</th>
</tr>
</thead>
</table>

| (None) |

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/20/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**  

## Stainless Steel Fasteners

### General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

**Status**: Expired  
**Version**: 2.01  
**From Date**: 01/01/1999  
**To Date**: 12/31/2075

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Small Quantity**: Less than 25 assemblies  
**Other Reports**: Prepayment Invoice Required

### Testing Requirements

**Test Category**  
Acceptance  
**Sample Frequency**: 800.00  
**Sampling Responsibility**: M&T Field  
**Testing Responsibility**: M&T Lab

**Sample Comment**: For quantities up to 800 assemblies, get 3 samples of each nut, bolt, and washer. For quantities over 800 assemblies, get 6 samples of each nut, bolt, and washer. For chemical analysis submit a 32 mm specimen at least 0.04” thickness or call Chemical Lab.

**Technician Certifications**: (None)

### Test Formats

1. **Steel Alloy - Version 5**
   
   **Owning Lab**: Chemical Lab  
   **Metric/English Code**: Both  
   **IA Type**: None

---

**Note**: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Stainless Steel Fasteners**

**General**
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Status:** History
- **Version:** 1.01
- **From Date:** 06/28/2001
- **To Date:** 09/23/2006
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Less than 25 assemblies
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>800.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- For quantities up to 800 assemblies, get 3 samples of each nut, bolt, and washer
- For quantities over 800 assemblies, get 6 samples of each nut, bolt, and washer

**Technician Certifications:** (None)

**Test Formats**

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: change sample frequency  
Comment:
Stainless Steel Fasteners

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Expired
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Less than 25 assemblies
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
---|---|---|---
Acceptance | 800.00 | M&T Field | M&T Lab

Sample Comment: For quantities up to 800 assemblies, get 3 samples of each nut, bolt, and washer. For quantities over 800 assemblies, get 6 samples of each nut, bolt, and washer.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Stainless Steel Fasteners

General

- Group: Steel
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Methods of Acceptance

- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: Less than 25 assemblies
- Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>3.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- Sample Comment: For quantities up to 800 assemblies, get 3 samples of each nut, bolt, and washer. For quantities over 800 assemblies, get 6 samples of each nut, bolt, and washer.

- Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5

- Owning Lab: Chemical Lab
- Metric/English Code: Both
- IA Type: None
- Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Stainless Steel Fasteners

General

Group: Steel
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: Less than 25 assemblies
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 800.00 M&T Field M&T Lab

Sample Comment: For quantities up to 800 assemblies, get 3 samples of each nut, bolt, and washer. For quantities over 800 assemblies, get 6 samples of each nut, bolt, and washer. For chemical analysis submit a 32 mm specimen at least 0.04” thickness or call Chemical Lab.

Technician Certifications: (None)

Test Formats

1. Steel Alloy - Version 5
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Steel Accessories for Prestressed Concrete Girders

General
- Group: Steel
- Status: Expired
- How Received: Material Receipt
- Version: 1.01
- Metric/English: Both
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: Structural Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required

Certification:
- Type: Required
- Responsibility:
  - M&T 913 Report (Steel)

Additional Information:
- Field Inspection: Required
- Inspection Type(s): Structural Steel
- Small Quantity: Yes
- Other Reports: Mill Certs Required By M&T Only. Must be Stamped APPROVED.
  Includes all associated hardware; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
- Test Category: Verification
- Sample Frequency: 100.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Field

Sample Comment:
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/19/2008
Performed By: rpace
Check In: Changed name from Steel Diaphragms to Steel
Comment: Accessories - rkp
North Carolina Department of Transportation
Minimum Sampling Guide

Steel Accessories for Prestressed Concrete Girders

General
- Group: Steel
- Status: Current
- How Received: Material Receipt
- Version: 2.01
- Metric/English: Metric
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: Structural Steel
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required
- Inspection Type(s): Structural Steel

Certification Requirements
- Certification: Required
- Type: M & T
- Responsibility:
  - M & T
  - RE
  - Both

Other Reports:
- Mill Certs Required By M&T Only. Must be Stamped APPROVED.
- Includes all associated hardware; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
- Test Category: Verification
- Sample Frequency: 2,500.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Field

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/19/2008
Performed By: rpace
Check In: Changed name from Steel Diaphragms to Steel
Comment: Accessories - rkp
Steel Accessories for Prestressed Concrete Girders

General
- Group: Steel
- How Received: Material Receipt
- Metric/English: English
- Facility Type: Structural Steel
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Status: Expired
- From Date: 01/01/1999
- To Date: 12/31/2075

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required

Testing Requirements
- Test Category: Verification
- Sample Frequency: 5,000.00
- Sampling Responsibility: M&T Field
- Testing Responsibility: M&T Field

Certification: Required
- Type: 1: Certified Mill Test Report
- Responsibility: M&T: Yes, RE: No, Both: No

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Comment: Changed name from Steel Diaphragms to Steel Accessories - rkp
Steel Accessories for Prestressed Concrete Girders

General

Group: Steel  Status: Current
How Received: Material Receipt  Version: 1.03
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Structural Steel

Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required  Certification: Required
Alt ID Matching: No Match
Sample/Test: N/A  Type
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Responsibility

Small Quantity:  

Other Reports:
Mill Certs Required By M&T Only. Must be Stamped APPROVED.
Includes all associated hardware; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  100.00  M&T Field  M&T Field

Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Steel Accessories for Prestressed Concrete Girders

General

Group: Steel  Status: Current
How Received: Material Receipt  Version: 2.02
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Structural Steel
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel

Certification: Required

Type: 1: Certified Mill Test Report

Responsibility: M&T  RE  Both

Neither M&T  RE  Both

M&T 913 Report (Steel)

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  5,000.00  M&T Field  M&T Field

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Steel Accessories for Prestressed Concrete Girders

General
Group: Steel
Status: Expired
How Received: Material Receipt
Version: 1.02
Metric/English: Both
From Date: 01/01/1999
To Date: 12/31/2075
Facility Type: Structural Steel
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Inspection Type(s): Structural Steel
Small Quantity:
Other Reports: 1. Mill Certs Required By M&T Only. Must be Stamped APPROVED.
Include all associated hardware; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 100.00 | M&T Field | M&T Field

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Steel Diaphragms for Prestressed Concrete Girders

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: Structural Steel
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Small Quantity: 
Other Reports:
Mill Certs Required By M&T Only. Must be Stamped APPROVED.
Includes all associated hardware; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 2,500.00 | M&T Field | M&T Field

Sample Comment:
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Steel Diaphragms for Prestressed Concrete Girders

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.01
- **Metric/English:** English
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>M &amp; T 913 Report (Steel)</td>
<td>M&amp;T, RE, Both</td>
</tr>
</tbody>
</table>

- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Small Quantity:** No
- **Other Reports:** Mill Certs Required By M&T Only. Must be Stamped APPROVED. Includes all associated hardware; Shop Drawing Required; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
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<th>Sampling Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:**

- Technician Certifications: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Steel Diaphragms for Prestressed Concrete Girders

General

<table>
<thead>
<tr>
<th>Group</th>
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<td>From Date</td>
<td>01/01/1999</td>
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<tr>
<td>Facility Type</td>
<td>To Date</td>
<td>12/31/2075</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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Methods of Acceptance

| Pretest:    | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

Certification: Required

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<td>(None)</td>
<td>RE</td>
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Testing Requirements

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<th>Testing Responsibility</th>
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</thead>
<tbody>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Steel Diaphragms for Prestressed Concrete Girders

**General**
- **Group:** Steel
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** Metric
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance

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<th>Visual Inspection: N/A</th>
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<th>Field Inspection: Required</th>
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**Certification:** Required

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<tbody>
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<td>M&amp;T RE Both</td>
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</tbody>
</table>

- **M&T 913 Report (Steel)**

**Other Reports:** Mill Certs Required By M&T Only. Must be Stamped APPROVED. Includes all associated hardware; Shop Drawing Required; Prepayment Invoice Required

#### Testing Requirements

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<tr>
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<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Field</td>
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</table>

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** dgreene
**Check In:** Clean Up
**Comment:**

---
Steel Diaphragms for Prestressed Concrete Girders

### General
- **Group:** Steel
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Metric
- **From Date:** 03/31/2006
- **To Date:** 03/31/2006
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Structural Steel
- **Small Quantity:** 
- **Other Reports:** Mill Certs Required By M&T Only; Shop Drawing Required; Prepayment Invoice Required

#### Certification Requirements
- **Certification:** Required
- **Responsibility:**
  - 1: Certified Mill Test Report
    - M&T
    - RE
    - Both

#### Testing Requirements

<table>
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<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
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</table>

#### Sample Comment:
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Steel Diaphragms for Prestressed Concrete Girders

General
- Group: Steel
- Status: Expired
- How Received: Material Receipt
- Version: 2.00
- Metric/English: English
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: Structural Steel
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: Required

Certification: Required
- Type: 1: Certified Mill Test Report
- Responsibility: M&T

Inspection Type(s): Structural Steel

Small Quantity: No

Other Reports:
- Mill Certs Required By M&T Only. Must be Stamped APPROVED.
- Includes all associated hardware; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 5,000.00 | M&T Field | M&T Field

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Steel Diaphragms for Prestressed Concrete Girders

#### General
- **Group:** Steel  
- **Status:** History
- **How Received:** Material Receipt  
- **Version:** 1.00
- **Metric/English:** English  
- **From Date:** 03/31/2006  
- **To Date:** 03/31/2006

- **Facility Type:** Structural Steel
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required  
  - **Inspection Type(s):** Structural Steel
  - **Certification:** Required  
    - **Type:** 1: Certified Mill Test Report  
      - **Responsibility:** M&T

- **Small Quantity:**
- **Other Reports:** Mill Certs Required By M&T Only; Shop Drawing Required; Prepayment Invoice Required

#### Testing Requirements
- **Test Category:** IA - Non-comparative  
  - **Sample Frequency:** 5,000.00  
  - **Sampling Responsibility:** M&T Field  
  - **Testing Responsibility:** M&T Field

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/31/2006  
**Performed By:** dgreene

**Check In:** Add Steel Diaphragms for Prestressed Girders

**Comment:**

---
# Minimum Sampling Guide

## Stone for Electrochemical

### General
- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

**Status:** History  
**Version:** 1.00  
**From Date:** 10/23/1998  
**To Date:** 12/11/1999

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
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<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>Optional</td>
<td>N/A</td>
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<td></td>
<td>Prepayment Invoice Required</td>
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<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>N/A</td>
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<td>M&amp;T ○ RE ○ Both</td>
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<tr>
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<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** 1 18 kg bag per 3000 metric tons.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/23/1998  
**Performed By:** rpace  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Stone for Electrochemical

General
- Group: Aggregate
- How Received: Ticket
- Metric/English: English
- Facility Type: Coarse Aggregate
- Default Auth Lab: Chemical Lab
- Project Certification: Non-Critical
- MSG Responsibility: Chemical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: Optional
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Prepayment Invoice Required

Certification: N/A
- Type: (None)
- Responsibility: M&T

Testing Requirements
- Sample Comment: 1 40 lb bag per 3000 tons.
- Technician Certifications: (None)

Test Formats
1. Corrosivity Tests - Version 8

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/23/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Stone for Erosion Control

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
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<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
</tr>
<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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<td>MSG Responsibility</td>
<td>Field Section</td>
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Status: History
Version: 1.00
From Date: 03/27/1997  To Date: 12/11/1999

Methods of Acceptance

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<tr>
<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
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</table>

Testing Requirements

Sample Comment: (None)

Technician Certifications:

Certification: N/A
Type: N/A

Responsibility:
- M&T
- RE
- Both

- M&T 913 Report (Steel)

Action Date: 03/27/1997  Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Stone for Erosion Control

**General**

- **Group:** Aggregate
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

**Status:** Expired  
**Version:** 2.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**  
- **Other Reports:**

- **Certification:** N/A  
  - Type  
  - Responsibility

- **M&T 913 Report (Steel)**

**Testing Requirements**

- **Sample Comment:** Visual Inspection by Resident Engineer Required
- **Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** changed Stone for Erosion Control to Approved Plant Type of NONE.
Stone for Erosion Control

General

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
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<tr>
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<td>Field Section</td>
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</table>

Methods of Acceptance

| Pretest          | N/A |
| Alt ID Matching  | (None) |
| Sample/Test      | N/A |
| Approved List    | N/A |
| Visual Inspection| Required |
| Catalog Cut      | N/A |
| Field Inspection | N/A |
| Small Quantity   | ☐ |
| Other Reports    | Prepayment Invoice Required;Pay Adj Required |

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: N/A

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☐ M&T 913 Report (Steel)

Action Date: 03/27/1997
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
**Stone for Erosion Control**

**General**

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<td>Ticket</td>
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<td>Metric/English</td>
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**Methods of Acceptance**

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</tbody>
</table>

**Testing Requirements**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Comment</td>
<td>Visual Inspection by Resident Engineer Required</td>
</tr>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

**Check In**

- NEW 2013 MSG

**Action Date**

- 02/14/2013

**Performed By**

- rpace

**Comment**

- 

**From Date**

- 01/01/1999

**To Date**

- 12/31/2075
Stone for Erosion Control

General

Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 06/28/2001    To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports:

Testing Requirements

Sample Comment: Visual Inspection by Resident Engineer Required.
Technician Certifications: (None)

Certification: N/A
Type
(Non) M&T  RE  Both
(Non) M&T  RE  Both
(Non) M&T  RE  Both

M&T 913 Report (Steel)

Action Date: 11/15/2006    Performed By: conv
Check In: Changed Stone For Erosion Control to Approved Plant
Comment: Type of NONE.
Stone for Erosion Control

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: History
Version: 1.01
From Date: 06/28/2001
To Date: 09/23/2006

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Testing Requirements
Sample Comment: Visual Inspection by Resident Engineer Required
Technician Certifications: (None)

Certification: N/A
Type
(Noname)
(Noname)
(Noname)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

M&T 913 Report (Steel)

Action Date: 11/15/2006
Performed By: conv
Check In: changed Stone for Erosion Control to Approved Plant Type
Comment: of NONE.
## Stone for Erosion Control

### General

<table>
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<tr>
<td>How Received</td>
<td>Ticket</td>
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<tr>
<td>Metric/English</td>
<td>Metric</td>
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<tr>
<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
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### Methods of Acceptance

<table>
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<tr>
<td>Alt ID Matching</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<td>Field Inspection</td>
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#### Certification

<table>
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<tbody>
<tr>
<td>N/A</td>
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<td>M&amp;T ○ RE ○ Both</td>
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<tr>
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<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:** Visual Inspection by Resident Engineer Required.
- **Technician Certifications:** (None)
- **Check In:** Changed Stone For Erosion Control to Approved Plant
- **Action Date:** 01/01/1999
- **Performed By:** v6conv
- **Comment:** Type of NONE.
## Stone for Erosion Control (#57)

### General

<table>
<thead>
<tr>
<th>Field</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
<td>Aggregate</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Coarse Aggregate</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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### Methods of Acceptance

<table>
<thead>
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<tbody>
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<td>Sample/Test</td>
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<td>N/A</td>
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<td>Required</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
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</table>

### Certification

- **Type**: N/A
- **Responsibility**:
  - M&T
  - RE
  - Both
  - (None)

### Testing Requirements

- **Sample Comment**: Visual Inspection by Resident Engineer Required.
- **Technician Certifications**: (None)

---

**Action Date**: 02/14/2013  
**Performed By**: rpace

**Check In**: NEW 2013 MSG  
**Comment:**
Stone for Erosion Control (#57)

General
- Group: Aggregate
- How Received: Ticket
- Metric/English: Metric
- Facility Type: Coarse Aggregate
- Default Auth Lab: Physical Lab
- Project Certification: Minor
- MSG Responsibility: Physical Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Sample Comment: Visual Inspection by Resident Engineer Required.
- Technician Certifications: (None)

<table>
<thead>
<tr>
<th>Certification:</th>
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<th>Type</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>(None)</td>
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<td>RE</td>
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<tr>
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<td>Both</td>
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</tbody>
</table>

- M&T 913 Report (Steel)

Action Date: 01/01/1999
Performed By: v5conv
Check In: In step changes
Comment:
Stone for Erosion Control (#57)

General

- **Group:** Aggregate
- **Status:** Expired
- **How Received:** Ticket
- **Version:** 1.00
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Physical Lab

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

Certification: N/A

- **Type:**
- **Responsibility:**
  - M&T
  - RE
  - Both

Testing Requirements

- **Sample Comment:** Visual Inspection by Resident Engineer Required.
- **Technician Certifications:** (None)

Action Date: 01/01/1999
Performed By: v5conv

Check In: In step changes
Comment:
**Stone for Slope Protection**

**General**
- **Group:** Aggregate
- **Status:** Current
- **How Received:** Ticket
- **Version:** 1.01
- **Metric/English:** English
- **Facility Type:** Coarse Aggregate
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Physical Lab

**From Date:** 01/01/1999  **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**
- **Sample Comment:** Visual Inspection by Resident Engineer Required.
- **Technician Certifications:** (None)

**Certification:** N/A

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
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<td>M&amp;T RE Both</td>
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<td>M&amp;T RE Both</td>
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- **M&T 913 Report (Steel)**

**Action Date:** 02/14/2013  **Performed By:** rpace
**Check In:** NEW 2013 MSG  **Comment:**
Stone for Slope Protection

General
Group: Aggregate
How Received: Ticket
Metric/English: Metric
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Current
Version: 1.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: Visual Inspection by Resident Engineer Required.
Technician Certifications: (None)

Certification: N/A
Type
(Nones)
Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Action Date: 01/01/1999
Performed By: v6conv
Check In: In step changes
Comment:
Stone for Slope Protection

General
Group: Aggregate
How Received: Ticket
Metric/English: English
Facility Type: Coarse Aggregate
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Physical Lab

Status: Expired
Version: 1.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Testing Requirements
Sample Comment: Visual Inspection by Resident Engineer Required.
Technician Certifications: (None)

Responsibility
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both
☐ M&T 913 Report (Steel)

Action Date: 01/01/1999
Performed By: v5conv
Check In: In step changes
Comment:
Structural Steel

General
Group: Steel  Status: Expired
How Received: Material Receipt  Version: 3.00
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required  Certification: Required
Alt ID Matching: No Match  Responsibility:
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Structural Steel
Small Quantity: No Matching
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  1,000,000.00  M&T Lab  M&T Lab
Sample Comment: One per 1,000,000 lbs. - Maximum two samples per project. Sampled By M&T
Technician Certifications: (None)

Test Formats
1. Steel Alloy Test - Version 4
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Structural Steel Test - Version 3
   
   **Owning Lab:** Physical Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Structural Steel

General
Group: Steel
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 2.00
From Date: 06/29/2001
To Date: 06/29/2001

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required
Sample/Test Remarks: None

Certification: Required
Type
Responsibility
1. Certified Mill Test Report
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T RE Both
   M&T RE Both

   M&T 913 Report (Steel)

Inspection Type(s): Structural Steel

Small Quantity:
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:

Technician Certifications: (None)

Test Formats
1. Steel Alloy Test - Version 4
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Structural Steel Test - Version 3
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
North Carolina Department of Transportation
Minimum Sampling Guide

Structural Steel

General
- Group: Steel
- Status: History
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Physical Lab
- Project Certification: Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No

Other Reports:
- Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

Testing Requirements
- Technician Certifications: (None)

Test Formats
1. Steel Alloy Test - Version 4
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both

2. Structural Steel Test - Version 3
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 05/15/1997
Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
### Structural Steel

#### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
<td>Steel</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
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<td>Facility Type</td>
<td>Structural Steel</td>
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<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
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<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Inspection Type(s)</td>
<td>Structural Steel</td>
</tr>
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</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
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<td>Verification</td>
</tr>
<tr>
<td>Sample Frequency</td>
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<tr>
<td>Sampling Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
<tr>
<td>Testing Responsibility</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

#### Sample Comment:

One per 1,000,000 lbs. - Maximum two samples per project. Sampled By M&T. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

#### Technician Certifications:

- (None)

**Test Formats**

1. **Steel Alloy Test - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

2. **Structural Steel Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
Structural Steel

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: Required
Type: 1: Certified Mill Test Report
Responsibility: M&T

Sample/Test Remarks:

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy Test - Version 4
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

3. Steel Alloy - Version 5
   Ownering Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001
Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the
Comment: FIR Type for version 5.0 conversion.
Test Formats

4. Test Report for Structural Steel (Metric) - Version 2

<table>
<thead>
<tr>
<th>Owning Lab: Physical Lab</th>
<th>Metric/English Code: Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/29/2001  Performed By: conv
Check In: Setting the new FIR code to Required and Specifying the FIR Type for version 5.0 conversion.
# Structural Steel

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Steel</th>
<th>Status</th>
<th>History</th>
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<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>2.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>03/03/2004</td>
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<tr>
<td>Facility Type</td>
<td>Structural Steel</td>
<td>To Date</td>
<td>09/23/2006</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | Required |

**Sample/Test Remarks:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>500,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample per 500,000 kg - Maximum two samples per project. Sampled by M&T

**Technician Certifications:** (None)

### Test Formats

1. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Steel Alloy Test - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

3. **Steel Alloy - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Change by cdg  
**Comment:**
Test Formats

4. Test Report for Structural Steel (Metric) - Version 2

   **Owing Lab:** Physical Lab  
   **IA Type:** None  
   **Metric/English Code:** Metric  
   **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: Change by cdg  
Comment:
## Structural Steel

### General
- **Group:** Steel
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Structural Steel
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members
- **Status:** Correcting
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Required</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
<td></td>
</tr>
</tbody>
</table>

- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A

- **Field Inspection:** Required
- **Small Quantity:** No
- **Other Reports:** Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>1,000,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One per 1,000,000 lbs. - Maximum two samples per project. Sampled By M&T. Sample size for chemical analysis = 32mm diameter specimen at least 0.040 inches thick.

- **Technician Certifications:** (None)

### Test Formats

1. **Steel Alloy Test - Version 4**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Structural Steel Test - Version 3**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/17/2017

**Performed By:** Edward

**Check In Comment:**
Structural Steel

General

Group: Steel  Status: Current
How Received: Material Receipt  Version: 3.00
Metric/English: Metric  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Structural Steel
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required  Certification: Required
Alt ID Matching: No Match  Type
Sampling Responsibility: Testing Responsibility

<table>
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<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample/Test: N/A  Alt ID Matching: No Match
Approved List: N/A  Approval: M&T Lab
Visual Inspection: N/A  Visual Inspection: N/A
Catalog Cut: N/A  Catalog Cut: N/A
Field Inspection: Required  Field Inspection: Required
Small Quantity: ☐  Small Quantity: ☐
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required

Testing Requirements

Sample/Test Remarks: One sample per 500,000 kg - Maximum two samples per project. Sampled by M&T

Test Formats

1. Steel Alloy - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

2. Steel Alloy Test - Version 4
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

3. Steel Alloy_ - Version 5
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: dgreene
Check In: Change by cdg  Comment:
4. Test Report for Structural Steel (Metric) - Version 2

**Owning Lab:** Physical Lab  
**IA Type:** None  
**Metric/English Code:** Metric  
**Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** dgreene  
**Check In:** Change by cdg  
**Comment:**
Structural Steel

General
Group: Steel
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 05/15/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Domestic Steel Certification Required; Shop Drawing Required; Prepayment Invoice Required; Pay Adj Required

Certification:
Type: Required
Responsibility:
1: Certified Mill Test Report
   (None)
   (None)
   (None)
   M&T RE Both
   M&T RE Both
   M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Steel Alloy - Version 5
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Steel Alloy Test - Version 4
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

3. Steel Alloy - Version 5
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats
4. Test Report for Structural Steel (Metric) - Version 2

Owning Lab: Physical Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks: None

Structural Timber (Board Feet)

General
Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

Certification: Required
Type
6: Supplier's Certification
   (None) M&T RE Both
M&T 913 Report (Steel)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both
M&T RE Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Verification 1,000.00 M&T Lab M&T Lab

Sample Comment: Pretested
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Structural Timber (Board Feet)

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
<td>Structural</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
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### Methods of Acceptance

<table>
<thead>
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<th>Field</th>
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<tr>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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</tr>
<tr>
<td>Other Reports</td>
<td>Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required</td>
</tr>
</tbody>
</table>

**Certification:**

- **Required Type:**
  - 6: Supplier's Certification
    - M & T
      - M & T: N/A
      - RE: N/A
      - Both: N/A
  - (None)

**Responsibility:**

- M & T
  - N/A
- RE
  - N/A
- Both
  - N/A

- M & T
  - N/A
- RE
  - N/A
- Both
  - N/A

- M & T
  - N/A
- RE
  - N/A
- Both
  - N/A

- M & T
  - N/A
- RE
  - N/A
- Both
  - N/A

### Testing Requirements

- **Sample Comment:** Pretested
- **Technician Certifications:** (None)

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

**Action Date:** 03/23/2000  
**Performed By:** twhillington  
**Check In:** tw - changed ALL Structural Timber Default Authorizing  
**Comment:** Lab to SM - Steel
### Structural Timber (Board Feet)

#### General
- **Group:** Structural
- **Status:** Current
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

#### Certification
- **Type:** Required
- **Responsibility:**
  - M&T
  - RE
  - Both
  - 4: Certified Test Reports
  - (None)

#### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 1.00
- **Sampling Responsibility:** M&T Lab
- **Testing Responsibility:** M&T Lab

**Sample Comment:** Pretested

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:** 
### Structural Timber (Cubic Meters)

#### General
- **Group:** Structural
- **Status:** Current
- **Metric/English:** Metric
- **Facility Type:** (None)
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

#### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Verification | 750.00 | M&T Lab | M&T Lab
- **Sample Comment:** Pretested
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Structural Timber (Cubic Meters)

General

Group: Structural
How Received: Material Receipt
Metric/English: Metric
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 03/23/2000
To Date: 03/23/2000

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

Testing Requirements

Sample Comment: Pretested
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/23/2000
Performed By: twhittington
Check In: tww - changed ALL Structural Timber Default Authorizing
Comment: Lab to SM - Steel
### Structural Timber (Cubic Meters)

**General**

- **Group:** Structural
- **Status:** Correcting
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** Metric
- **Facility Type:** (None)
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Critical Structural Members:**
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** Pretested

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Structural Timber (Cubic Yards)

#### General
- **Group:** Structural
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 2.00
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

#### Testing Requirements
- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Verification | 1,000.00 | M&T Lab | M&T Lab

- **Sample Comment:** Pretested
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** rpace

**Check In:** Changed to coincide with new project certification
**Comment:** requirements. rkp
### Structural Timber (Cubic Yards)

#### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** Pretested
- **Technician Certifications:** (None)

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>6: Supplier's Certification (None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/23/2000  
**Performed By:** twhittington  
**Check In:** Phil directed these changes.  
**Comment:**
Structural Timber (Cubic Yards)

**General**

- **Group:** Structural  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required

**Testing Requirements**

- **Test Category:** Verification  
  - **Sample Frequency:** 1.00  
  - **Sampling Responsibility:** M&T Lab  
  - **Testing Responsibility:** M&T Lab  
  - **Sample Comment:** Pretested

**Certification:** Required

- **Type:**  
  - 4: Certified Test Reports
  - (None)

- **Responsibility:**  
  - M&T  
  - RE  
  - Both

- **M&T 913 Report (Steel)**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** NEW 2013 MSG  
**Comment:** 
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Status: Expired
Version: 3.02
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

- M&T
- RE
- Both

- M&T
- RE
- Both

Sample/Test Remarks:

Test Requirements

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<th>Sampling Responsibility</th>
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</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Density</td>
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<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>2.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment:
One - sample per each 1000 linear feet placed.
One test per 2 mile pavement lane (IA Comp)

IA Type: None

Technician Certifications:

- Density Other Conventional: Conventional Density Technician
- Density Other Nuclear: ABC Nuclear Density Technician
- Sampling: Conventional Density Technician OR ABC Nuclear Density Technician

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats

2. **Conventional Density Test 1-A - Version 1**

   - **Owing Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

<table>
<thead>
<tr>
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<th>Performed By</th>
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<tbody>
<tr>
<td>02/14/2013</td>
<td>rpace</td>
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<table>
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<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW 2013 MSG</td>
<td></td>
</tr>
</tbody>
</table>
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

<table>
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<th>Type</th>
<th>Responsibility</th>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T 0 RE 0 Both</td>
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</tbody>
</table>

M&T 913 Report (Steel)

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: 

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
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</tr>
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<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>3.00</td>
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<td>Project Personnel</td>
</tr>
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</table>

Sample Comment:

One - sample per each 300 meters placed.
One test per 3.2 mile pavement lane (IA Comp)
; IA - One comparative test per 3.2 km of pavement lane.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
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<tr>
<td>Sampling</td>
<td>ABC Nuclear Density Technician OR Conventional Density Technician</td>
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</table>

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012
Performed By: dimiller
Check In
Comment:
Test Formats


   **Owning Lab:** Soils Lab
   
   **IA Type:** None
   
   **Metric/English Code:** Metric
   
   **Sample/Test Remarks:**

---

*Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.*

*Action Date: 02/22/2012*

*Performed By: dimiller*

*Check In*

*Comment:*
**Subgrade**

**General**
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** Required
- **Inspection Type(s):** Density Other Conventional & Nuclear

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
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<tr>
<td>Density</td>
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<tr>
<td>IA - Comparative</td>
<td>2.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - sample per each 1000 linear feet placed. One test per 2 mile pavement lane (IA Comp)

: IA - One comparative test per a 2 mile pavement lane.

**Technician Certifications:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

**Test Formats**

1. Conventional Density Test 1 - Version 1

**Owning Lab:** Soils Lab

**IA Type:** None

**Metric/English Code:** English

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006

**Performed By:** conv61

**Check In:** v6.1 conv - The information from Field Density - Subgrade

**Comment:** has been merged with this record.
Test Formats

2. Conventional Density Test 1-A - Version 1

   Owning Lab: Soils Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/22/2006    Performed By: conv61
Check In: v6.1 conv - The information from Field Density - Subgrade
Comment: has been merged with this record.
## North Carolina Department of Transportation
### Minimum Sampling Guide

**Subgrade**

#### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999 **To Date:** 12/31/2075
- **Metric/English:** English
- **Facility Type:** None
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** None
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** None

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tr>
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<td>IA - Comparative</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

**Sample Comment:**
- One sample per each 1000 linear feet placed.
- One test per 2 mile pavement lane (IA Comp)

#### Technician Certifications:
- **Type:** Sampling
- **Certification(s):** Conventional Density Technician OR ABC Nuclear Density Technician

#### Test Formats

1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

2. **Conventional Density Test 1-A - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Subgrade

General
Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: None
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: None
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: None

Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1,000.00 Project Personnel Project Personnel
IA - Comparative 2.00 Project Personnel Project Personnel

Sample Comment: One sample per each 1000 linear feet placed.
One test per 2 mile pavement lane (IA Comp)

Technician Certifications: None

Test Formats
1. Conventional Density Test 1 - Version 1

   Metric/English Code: English
   Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1

   Metric/English Code: English
   Sample/TestRemarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Subgrade

General

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<td>MSG Responsibility</td>
<td>Soils Lab</td>
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</table>

Methods of Acceptance

| Pretest                | N/A                                | Certification| N/A   |
| Alt ID Matching        | (None)                             | Type         |       |
| Sample/Test            | Required                           | Responsibility|       |
| Approved List          | N/A                                |              |       |
| Visual Inspection      | N/A                                |              |       |
| Catalog Cut            | N/A                                |              |       |
| Field Inspection       | N/A                                |              |       |
| Small Quantity         | N/A                                |              |       |
| Other Reports          | Pay Adj Required                   |              |       |

Testing Requirements

| Sample Comment         | One - sample per each 1000 linear feet placed. |
| Technician Certifications | (None)                           |

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

2. Conventional Density Test 1-A - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: English
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Subgrade

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Status: Expired
Version: 3.03
From Date: 01/01/1999 To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Certification: N/A

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</table>

☐ M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance     | 1,000.00         | Project Personnel       | Project Personnel
IA - Comparative | 2.00             | Project Personnel       | Project Personnel

Sample Comment: One - sample per each 1,000 linear feet placed. One test per 2 mile pavement lane.

Technician Certifications:
Type               Certification(s)
Density Other Conventional    Conventional Density Technician
Density Other Nuclear         ABC Nuclear Density Technician
Sampling                    Conventional Density Technician OR ABC Nuclear Density Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 02/21/2008
Performed By: rpace
Check In expire
Comment:
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.02
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
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<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>Project Personnel</td>
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<tr>
<td>IA - Comparative</td>
<td>2.00</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per each 1,000 linear feet placed. One test per 2 mile pavement lane.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/21/2008
Performed By: rpace
Check In: z
Comment: 
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>IA - Comparative</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per each 1,000 linear feet placed. One test per 2 mile pavement lane.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv

Check In: Subgrade (Both) - changed How Received to Not Received, Project Cert. to Critical, Sample/Test to Required, Catalog Cut to N/A and Test Category to M&T 913 Report (Steel)

Comment: Received, Project Cert. to Critical, Sample/Test to Required, Catalog Cut to N/A and Test Category to M&T 913 Report (Steel)
# Subgrade

## General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
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<tbody>
<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
<td>N/A</td>
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<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>□</td>
</tr>
</tbody>
</table>

### Other Reports:
- **Certification:** N/A
- **Type:** M &T 913 Report (Steel)
- **Responsibility:**
  - (None)
  - (None)
  - (None)

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>IA - Comparative</td>
<td>3.00</td>
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<td>Project Personnel</td>
</tr>
</tbody>
</table>

### Sample Comment:
- One - sample per each 300 meters placed.
- One test per 3.2 mile pavement lane (IA Comp)

### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
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</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>ABC Nuclear Density Technician OR Conventional Density Technician</td>
</tr>
</tbody>
</table>

### Test Formats

1. **Conventional Density Test 1:** Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A:** Version 2
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006 **Performed By:** conv

**Check In:** Subgrade (Metric) - added ABC Nuclear Density and Conventional Density Sampling Certifications.
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status:
Version: 2.01
From Date: 10/03/2005 To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Acceptance</td>
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<td>IA - Comparative</td>
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</table>

Sample Comment: One sample per each 1000 linear feet placed. One test per 2 mile pavement lane (IA Comp)

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Conventional Density Test 1 - Version 1
   
   **Owning Lab:** Soils Lab
   **IA Type:** None

2. Conventional Density Test 1-A - Version 1
   
   **Owning Lab:** Soils Lab
   **IA Type:** None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/22/2006
Performed By: conv61
Check In: v6.1 conv - The information from Field Density - Subgrade
Comment: has been merged with this record.
Subgrade

General
- Group: Miscellaneous
- Status: Expired
- How Received: Not Received
- Version: 3.01
- Metric/English: Both
- From Date: 01/01/1999
- To Date: 12/31/2075
- Default Auth Lab: Central GeoMaterials Lab
- Project Certification: Critical
- MSG Responsibility: Soils Lab

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: Required
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Sample Frequency: 1,000.00
- Sampling Responsibility: Project Personnel
- Testing Responsibility: Project Personnel
- Sample Comment: One sample per each 1,000 linear feet placed. One test per 2 mile pavement lane.

Technician Certifications:
- Type: Density Other Conventional
- Certification(s): Conventional Density Technician
- Type: Density Other Nuclear
- Certification(s): ABC Nuclear Density Technician
- Type: Sampling
- Certification(s): Conventional Density Technician OR ABC Nuclear Density Technician
North Carolina Department of Transportation
Minimum Sampling Guide

Subgrade

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1,000.00 Project Personnel Project Personnel
IA - Comparative 2.00 Project Personnel Project Personnel

Sample Comment: One sample per each 1,000 linear feet placed. One test per 2 mile pavement lane.

Technician Certifications:
Type Certification(s)
Sampling Conventional Density Technician OR ABC Nuclear Density Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Subgrade (Both) - changed How Received to Not Received, Project Cert. to Critical, Sample/Test to Required, Catalog Cut to N/A and Test Category to M&T 913 Report (Steel)
Comment: Subgrade (Both) - changed How Received to Not Received, Project Cert. to Critical, Sample/Test to Required, Catalog Cut to N/A and Test Category to M&T 913 Report (Steel)

Perform: [Submit]
## Subgrade

### General

<table>
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### Methods of Acceptance

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<tr>
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### Certification

- **Type**: N/A
- **Responsibility**: M & T, RE, Both

### Testing Requirements

- **Sample Comment**: Changed Subgrade Both to have sampling certs CDT and ABC Nuclear
- **Certification(s)**: Conventional Density Technician OR ABC Nuclear Density Technician
## Subgrade

### General

- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Soils Lab

### Methods of Acceptance

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<tr>
<td>Approved List</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>Required</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
<td>Prepayment Invoice Required</td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/17/2004  
**Performed By:** dgreene  
**Check In:** Add For Settlement Gauge  
**Comment:**
### Subgrade

#### General
- **Group:** Grading
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>Required</td>
</tr>
</tbody>
</table>

**Inspection Type(s):** Density Other Conventional & Nuclear

- **Small Quantity:** 
- **Other Reports:** Conventional Density M&T 504 or Nuclear Density M&T 514N.

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:**
  - One sample per each 1000 linear feet placed.
  - One test per 2 mile pavement lane (IA Comp)

- **IA - One comparative test per a 2 mile pavement lane.**

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

#### Test Formats

1. **Conventional Density Test 1 - Version 1**

   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/18/2013
**Performed By:** twittington
**Check In:** New MSG 2013
**Comment:**
Test Formats

2. Conventional Density Test 1-A - Version 1

<table>
<thead>
<tr>
<th>Metric/English Code: English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/18/2013  
Performed By: twhillington  
Check In: New MSG 2013  
Comment:
Subgrade

General

Group: Grading  Status: Expired
How Received: Not Received  Version: 3.05
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A  Responsibility: (None)
Alt ID Matching: (None)  Type: M &T RE Both
Sample/Test: Required  (None)  M &T RE Both
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A  (None)
Field Inspection: Required  Inspection Type(s): Density Other Conventional & Nuclear
Small Quantity:  
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Density</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per each 1000 linear feet placed. One test per 2 mile pavement lane (IA Comp)

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

2. Conventional Density Test 1-A - Version 1

    | Owning Lab: Soils Lab | Metric/English Code: English |
    | IA Type: None          | Sample/Test Remarks:         |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Subgrade

General

Group: Grading  Status: Expired
How Received: Not Received  Version: 3.04
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A  Certification: N/A  Type: N/A  Responsibility: M&T  RE  Both
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required  Inspection Type(s): Density Other Conventional & Nuclear
Small Quantity:  
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Density</td>
<td>2,500.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: One - sample per each 1000 linear feet placed.
One test per 2 mile pavement lane (IA Comp)
IA - One comparative test per a 2 mile pavement lane.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Conventional Density Test 1 - Version 1
   
   Metric/English Code: English
   Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Test Formats

2. **Conventional Density Test 1-A - Version 1**

<table>
<thead>
<tr>
<th><strong>Owning Lab:</strong> Soils Lab</th>
<th><strong>IA Type:</strong> None</th>
<th><strong>Metric/English Code:</strong> English</th>
<th><strong>Sample/Test Remarks:</strong></th>
</tr>
</thead>
</table>

- **Comment:** New MSG 2013

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/28/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: ☐
Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>300.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>Density</td>
<td>2,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>3.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: One - sample per each 300 meters placed.
One test per 3.2 mile pavement lane (IA Comp);
IA - One comparative test per 3.2 km of pavement lane.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>ABC Nuclear Density Technician OR Conventional Density Technician</td>
</tr>
</tbody>
</table>

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: Metric
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Test Formats


<table>
<thead>
<tr>
<th>Test Description</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional Density Test 1-A - Version 2</td>
<td>Metric</td>
<td>None</td>
</tr>
</tbody>
</table>

**Owning Lab:** Soils Lab

**IA Type:** None

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 09/22/2006  
**Performed By:** conv61

**Check In:** v6.1 conv - The information from Field Density - Subgrade

**Comment:** has been merged with this record.
Minimum Sampling Guide

Subgrade

General

<table>
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<tr>
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<th>Miscellaneous</th>
<th>Status:</th>
<th>Expired</th>
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</thead>
<tbody>
<tr>
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<td>Version:</td>
<td>3.00</td>
</tr>
<tr>
<td>Metric/English:</td>
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<td>From Date:</td>
<td>01/01/1999 To Date:</td>
</tr>
<tr>
<td>Facility Type:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Central GeoMaterials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Soils Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Required |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | Box |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>300.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>3.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per each 300 meters placed. One test per 3.2 mile pavement lane (IA Comp)

Test Formats

1. Conventional Density Test 1 - Version 1
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmooody
Check In: Subgrade (Metric) - added ABC Nuclear Density and Conventional Density Sampling Certifications.
Comment: Conventional Density Sampling Certifications.
Subgrade

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>300.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>3.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
</tbody>
</table>

Sample Comment: One - sample per each 300 meters placed.
One test per 3.2 mile pavement lane (IA Comp)

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Action Date: 05/14/2004
Performed By: fmoody
Check In: Subgrade - Metric - Changed How Received from Pay
Comment: Record to Not Received.
**Subgrade**

### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/16/1997
- **To Date:** 12/11/1999

#### Facility Type
- (None)

#### Default Auth Lab
- Critical

#### MSG Responsibility
- Soils Lab

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Pay Adj Required

#### Certification
- **Type:** N/A
- **Responsibility:**
  - M&T
  - RE
  - Both

- **Certification:**
  - M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** One - sample per each 300 meters placed.
- **Technician Certifications:** (None)

### Test Formats
1. **Conventional Density Test 1 - Version 1**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

2. **Conventional Density Test 1-A - Version 2**
   - **Owning Lab:** Soils Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/16/1997  
**Performed By:** twittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Subgrade

#### General
- **Group:** Grading
- **Status:** Current
- **How Received:** Not Received
- **Version:** 3.06
- **Metric/English:** Both
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Central GeoMaterials Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Soils Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>1,000.00</td>
<td>Project Personnel</td>
<td>Project Personnel</td>
</tr>
<tr>
<td>IA - Comparative</td>
<td>10,000.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

**Sample Comment:** One - density test per each 1,000 linear feet placed. One test per 2 mile pavement lane.;IA 1 per 10,000 LF

#### Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.  
**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Status: Expired
Version: 3.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: Required

Certification: N/A
Responsibility

Type
(Nonen)
(Nonen)
(Nonen)

M&T 913 Report (Steel)

Inspection Type(s): Density Other Conventional & Nuclear

Small Quantity: □
Other Reports:

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 1,000.00 Project Personnel Project Personnel
Density 2,500.00 Project Personnel Project Personnel
IA - Comparative 10,000.00 M&T Field M&T Field

Sample Comment: One - sample per each 1000 linear feet placed. One test per 2 mile pavement lane (IA Comp)

IA - One comparative test per a 2 mile pavement lane.

Technician Certifications:

Type Certification(s)
Density Other Conventional Conventional Density Technician
Density Other Nuclear ABC Nuclear Density Technician
Sampling Conventional Density Technician OR ABC Nuclear Density Technician

Test Formats

1. Conventional Density Test 1 - Version 1

Owning Lab: Soils Lab
IA Type: None

Metric/English Code: English
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Test Formats

2. Conventional Density Test 1-A - Version 1

Owning Lab: Soils Lab
IA Type: None
Metric/English Code: English
Sample/Test Remarks: None

Subgrade

General
Group: Miscellaneous
Status: Expired
Version: 3.05
From Date: 01/01/1999
To Date: 12/31/2075

IA Type: Owning Lab: Soils Lab
Metric/English Code: English
Sample/Test Remarks:

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 1,000.00 | Project Personnel | Project Personnel
IA - Comparative | 10,000.00 | M&T Field | M&T Field

Sample Comment: One density test per each 1,000 linear feet placed. One test per 2 mile pavement lane. IA 1 per 10,000 LF

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Technician Certifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Certification(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density Other Conventional</td>
<td>Conventional Density Technician</td>
</tr>
<tr>
<td>Density Other Nuclear</td>
<td>ABC Nuclear Density Technician</td>
</tr>
<tr>
<td>Sampling</td>
<td>Conventional Density Technician OR ABC Nuclear Density Technician</td>
</tr>
</tbody>
</table>

Action Date: 02/21/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Subgrade

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports: Prepayment Invoice Required

Certification: N/A
Responsibility:

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 1,000.00 | Project Personnel | Project Personnel
IA - Comparative | 2.00 | Project Personnel | Project Personnel

Sample Comment: One density test per each 1,000 linear feet placed. One test per 2 mile pavement lane.

Technician Certifications:
Type                  Certification(s)
Density Other Conventional | Conventional Density Technician
Density Other Nuclear    | ABC Nuclear Density Technician
Sampling                | Conventional Density Technician OR ABC Nuclear Density Technician

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: New 2013 MSG
Comment:
Subgrade Density

General
Group: Soils
How Received: Pay Record
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Central GeoMaterials Lab
Project Certification: Critical
MSG Responsibility: Soils Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Pay Adj Required

Testing Requirements
Sample Comment: One - sample per each 300 meters placed.
Technician Certifications: (None)

Test Formats
1. Conventional Density Test 1 - Version 1
   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks: 

   - Owning Lab: Soils Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks: 

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/10/1998
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Subgrade Density

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>How Received</th>
<th>Version</th>
<th>Metric/English</th>
<th>Facility Type</th>
<th>Default Auth Lab</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
</tr>
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<tbody>
<tr>
<td>Soils</td>
<td>History</td>
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<td>1.00</td>
<td>English</td>
<td>(None)</td>
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<td>Critical</td>
<td>Soils Lab</td>
</tr>
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Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
<th>Certification</th>
<th>Responsible</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>Required</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
<td>N/A</td>
<td>M &amp; T</td>
</tr>
</tbody>
</table>

Testing Requirements

Sample Comment: One - sample per each 1000 linear feet placed.

Technician Certifications: (None)

Test Formats

1. Conventional Density Test 1 - Version 1
   
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

2. Conventional Density Test 1-A - Version 1
   
   **Owning Lab:** Soils Lab
   **IA Type:** None
   **Metric/English Code:** English
   **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/10/1998
Perform By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Subgrade Stabilizers, Chemical

### General
- **Group:** Miscellaneous
- **Status:** Current
- **Version:** 6.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 1/4 ton

### Certification
- **Type:** Required
  - 1: Certified Mill Test Report
  - 2: Typical Certified Mill Test Report
- **Responsibility:**
  - M&T
  - RE
  - Both

### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 100.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

**Sample Comment:** 1 cup (1/4 lb) sample in a sealed doubled plastic bag or sealed plastic container per 100 tons lime.

### Technician Certifications
- (None)

### Test Formats
1. Lime - Version 7

**Owning Lab:** Chemical Lab
**Metric/English Code:** Both

**IA Type:** None

**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**

---
## Subgrade Stabilizers, Chemical

### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 6.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 1/4 ton

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:**
  1. 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

- **Technician Certifications:** (None)

### Test Formats
1. **Lime - Version 7**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None

### Certification
- **Type:** Required
- **Responsibility**
  1. **Certification:**
     - **Type:** Certified Mill Test Report
     - **Responsibility:** M&T
  2. **Certification:**
     - **Type:** Typical Certified Mill Test Report
     - **Responsibility:** M&T

### Notes
- **Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
- **Action Date:** 01/01/1999
- **Performed By:** fmoody
- **Check In:** Subgrade Stabilizers, Chemical (English) Changed Project Certification to Minor.
- **Comment:** Certification to Minor.
## Subgrade Stabilizers, Chemical

### General
- **Group:** Miscellaneous
- **Status:** History
- **How Received:** Ticket
- **Version:** 5.00
- **From Date:** 04/14/2004
- **To Date:** 04/14/2004
- **Metric/English:** English
- **Facility Type:** Lime Products
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Method</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>1/4 ton</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1- 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

**Technician Certifications:** (None)

### Test Formats

1. Lime - Version 7

   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/14/2004
**Performed By:** fmood
**Check In:** Subgrade Stabilizers, Chemical - Changed Project Cert
**Comment:** Code from Non-Critical to Critical.
Subgrade Stabilizers, Chemical

General

Group: Miscellaneous
How Received: Ticket
Metric/English: English
Facility Type: Lime Products
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 4.00
From Date: 06/19/2002 To Date: 06/19/2002

Methods of Acceptance

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Responsibility: Chemical Lab

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1/4 ton

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: 1- 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

Technician Certifications: (None)

Test Formats

1. Lime - Version 7

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/19/2002
Performed By: rpace
Check In: Changed subgrade stabilizers, chemical to sample test
Comment: optional.
Subgrade Stabilizers, Chemical

General
Group: Miscellaneous
How Received: Ticket
Metric/English: English
Facility Type: Lime Products
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: History
Version: 3.00
From Date: 07/13/2000 To Date: 07/13/2000

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☑ 1/4 ton

Other Reports:

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Testing Requirements
Sample Comment: 1- 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

Technician Certifications: (None)

Test Formats
1. Lime - Version 7

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/13/2000
Performed By: rpace
Check In: Changed subgrade stabilizers to approved plant required.
Comment:
## Subgrade Stabilizers, Chemical

### General

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
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<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
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</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>1/4 ton</td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report (None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:** 1-3 lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

### Technician Certifications

- (None)

### Test Formats

1. **Lime** - Version 7
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection. **Action Date:** 07/11/2000 **Performed By:** rpace **Check In:** see last archive comments because Vicki Kells made me do this. **Comment:** do this.
Subgrade Stabilizers, Chemical

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
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<th>History</th>
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</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Material Receipt</td>
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<td>From Date:</td>
<td>10/13/1997</td>
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<td>Facility Type:</td>
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<td>To Date:</td>
<td>12/11/1999</td>
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<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
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</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:           | N/A                                   |
| Alt ID Matching:   | (None)                                |
| Sample/Test:       | Required                              |
| Approved List:     | N/A                                   |
| Visual Inspection: | N/A                                   |
| Catalog Cut:       | N/A                                   |
| Field Inspection:  | N/A                                   |
| Small Quantity:    |                                       |
| Other Reports:     | Prepayment Invoice Required; Pay Adj Required |

Testing Requirements

| Sample Comment: One - 1/2 gallon plastic jar to represent each 100 tons of stabilizer shipped to the project with a minimum of one sample per five days of operation. |
| Technician Certifications: (None) |

Test Formats

1. Lime - Version 7

- **Owning Lab:** Chemical Lab
- **Metric/English Code:** Both
- **IA Type:** None

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/13/1997

Performed By: rpace

Check In: Archive data come from Minimum Sampling Guide on v3.0

Comment: Production db
Subgrade Stabilizers, Chemical

General

Group: Miscellaneous
How Received: Ticket
Metric/English: Metric
Facility Type: Lime Products
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: Current
Version: 6.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1/4 metric ton

Certification: Required
Type
1: Certified Mill Test Report
2: Typical Certified Mill Test Report

Responsibility
M&T  RE  Both
M&T  RE  Both
M&T  RE  Both

M&T 913 Report (Steel)

Testing Requirements

Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 90.00 Project Personnel M&T Lab

Sample Comment:
1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

Technician Certifications: (None)

Test Formats

1. Lime - Version 7

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Subgrade Stabilizers, Chemical

#### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
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<tr>
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<td>Version:</td>
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<tr>
<td>Metric/English:</td>
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<td>04/16/2004 To Date: 04/16/2004</td>
</tr>
<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
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<tr>
<td>Project Certification:</td>
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<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Methods of Acceptance

| Pretest: | N/A |
| Alt ID Matching: | (None) |
| Sample/Test: | Optional |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | 1/4 metric ton |

#### Testing Requirements

**Test Category:** Acceptance  
**Sample Frequency:** 90.00  
**Sampling Responsibility:** Project Personnel  
**Testing Responsibility:** M&T Lab

**Sample Comment:** 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

**Technician Certifications:** (None)

**Test Formats**

1. **Lime** - Version 7

**Owning Lab:** Chemical Lab  
**IA Type:** None  
**Metric/English Code:** Both  
**Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/16/2004  
**Performed By:** fmoody  
**Check In:** Subgrade Stabilizers, Chemical (Metric) Changed Project Certification to Minor.
Subgrade Stabilizers, Chemical

General

- **Group:** Miscellaneous
- **Status:** History
- **Version:** 4.00
- **From Date:** 04/14/2004  **To Date:** 04/14/2004

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ✓ 1/4 metric ton

Certification: **Required**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ⊗ RE ⊗ Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report (None)</td>
<td>M&amp;T ⊗ RE ⊗ Both</td>
</tr>
</tbody>
</table>

Test Formats

1. **Lime - Version 7**

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

   1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Subgrade Stabilizers, Chemical

General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
<th>Status:</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
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<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
<td>06/19/2002</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>06/19/2002</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
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<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest:    | N/A                             |
| Alt ID Matching: | (None)                         |
| Sample/Test: | Optional                        |
| Approved List: | N/A                             |
| Visual Inspection: | N/A                            |
| Catalog Cut: | N/A                             |
| Field Inspection: | N/A                            |
| Small Quantity: | 1/4 metric ton                  |
| Other Reports: |                                |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>90.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

Technician Certifications: (None)

Test Formats

1. Lime - Version 7

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Chemical Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type:</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric/English Code:</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test Remarks:</td>
<td></td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/19/2002  Performed By: rpace
Check In: Changed subgrade stabilizers, chemical to test optional.
# Subgrade Stabilizers, Chemical

## General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 2.00
- **From Date:** 07/11/2000  
  **To Date:** 07/13/2000

- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Chemical Lab

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 1/4 metric ton

## Testing Requirements
- **Sample Comment:** 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.
- **Technician Certifications:** (None)

## Test Formats
1. **Lime**  
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

### Certification and Responsibility
- **Type:**
  - 1: Certified Mill Test Report  
    - M&T  
    - RE  
    - Both
  - 2: Typical Certified Mill Test Report  
    - M&T  
    - RE  
    - Both
- **M&T 913 Report (Steel)**

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Subgrade Stabilizers, Chemical

General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>1.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
<td>From Date</td>
<td>10/13/1997</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
<td>To Date</td>
<td>12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Methods of Acceptance

| Pretest                | N/A                |
| Alt ID Matching        | (None)             |
| Sample/Test            | Required           |
| Approved List          | N/A                |
| Visual Inspection      | N/A                |
| Catalog Cut            | N/A                |
| Field Inspection       | N/A                |
| Small Quantity         | □                  |

| Other Reports          | Prepayment Invoice Required; Pay Adj Required |

Testing Requirements

Sample Comment: One - 2 liter plastic jar to represent each 100 metric tons of stabilizer shipped to the project with a minimum of one sample per five days of operation.

Technician Certifications: (None)

Test Formats

1. Lime - Version 7
   - Owner Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1: Certified Mill Test Report</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td>2: Typical Certified Mill Test Report</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td>(None)</td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
<td>□</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/13/1997
Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
# Subgrade Stabilizers, Chemical

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Miscellaneous</th>
<th>Status</th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Ticket</td>
<td>Version</td>
<td>5.01</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>04/16/2004</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Lime Products</td>
<td>To Date</td>
<td>09/23/2006</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>1/4 ton</td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: 1- 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

Technician Certifications: (None)

## Test Formats

1. Lime - Version 7

<table>
<thead>
<tr>
<th>Owning Lab: Chemical Lab</th>
<th>Metric/English Code: Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>IA Type: None</td>
<td>Sample/Test Remarks:</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv  
Check In: Subgrade Stabilizers, Chemical (English) Changed Project Certification to Minor.
Subgrade Stabilizers, Chemical

General
Group: Miscellaneous
How Received: Ticket
Metric/English: Metric
Facility Type: Lime Products
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1/4 metric ton
Other Reports:

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Acceptance | 90.00 | Project Personnel | M&T Lab
Sample Comment: 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

Technician Certifications: (None)

Test Formats
1. Lime - Version 7
   
   **Owning Lab:** Chemical Lab
   **IA Type:** None
   **Metric/English Code:** Both
   **Sample/Test Remarks:**

Certification: Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Subgrade Stabilizers, Chemical - changed Facility Type to Lime Products (fdm)
Comment: Lime Products (fdm)
### Subgrade Stabilizers, Chemical

#### General
- **Group:** Miscellaneous  
- **Status:** Correcting  
- **Version:** 6.01  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

- **How Received:** Ticket  
- **Metric/English:** Metric  
- **Facility Type:** Lime Products  
- **Default Auth Lab:** Chemical Lab  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** Optional  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A

- **Small Quantity:** 1/4 metric ton

- **Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>90.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

- **Technician Certifications:** (None)

#### Test Formats
1. **Lime - Version 7**

- **Owning Lab:** Chemical Lab  
- **IA Type:** None  
- **Metric/English Code:** Both  
- **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/22/2012  
Performed By: dimiller  
Check In  
Comment:
### Subgrade Stabilizers, Portland Cement

#### General
- **Group:** Miscellaneous
- **How Received:** Ticket
- **Metric/English:** Metric
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ✔ 1/4 ton
- **Other Reports:**

#### Testing Requirements
<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>90.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.
- **Technician Certifications:** (None)

#### Test Formats
1. Cement Test - Version 19

- **Owning Lab:** Chemical Lab
- **IA Type:** None
- **Metric/English Code:** Both

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012  
**Performed By:** dimiller  
**Check In**
**Comment:**

---
**Subgrade Stabilizers, Portland Cement**

### General

- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 3.02
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 1/4 ton

**Certification:** Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1-3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

**Technician Certifications:** (None)

**Test Formats**

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/14/2013
**Performed By:** rpace
**Check In:** NEW 2013 MSG
**Comment:**
### Subgrade Stabilizers, Portland Cement

#### General
- **Group:** Concrete
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** Metric
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 1/4 ton
- **Other Reports:**

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>90.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

**Technician Certifications:** (None)

#### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999
**Performed By:** rpace

**Check In** Changed Subgrade Stabilizers, Portland Cement from
**Comment:** Non-Critical to Critical and entered frequency info
Subgrade Stabilizers, Portland Cement

General

Group: Miscellaneous
How Received: Ticket
Metric/English: Metric
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Current
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1/4 ton

Testing Requirements

Test Category: Acceptance
Sample Frequency: 90.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007 Performed By: rpace
Check In: Changed MSG Group from Concrete to Misc.
Comment:
## Subgrade Stabilizers, Portland Cement

### General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>How Received</td>
<td>Ticket</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Portland Cement</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Physical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Required</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>1/4 ton</td>
</tr>
<tr>
<td>Other Reports</td>
<td></td>
</tr>
</tbody>
</table>

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Certified Mill Test Report</td>
<td>M&amp;T, RE, Both</td>
</tr>
<tr>
<td>2: Typical Certified Mill Test Report (None)</td>
<td>M&amp;T, RE, Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1-3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

### Technician Certifications

- (None)

### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/08/2007  
**Performed By:** rpace  
**Check In:** Changed MSG Group from Concrete to Misc.  
**Comment:**
Subgrade Stabilizers, Portland Cement

General
Group: Concrete  Status: History
How Received: Ticket  Version: 2.01
Metric/English: Metric  From Date: 04/14/2004  To Date: 09/23/2006
Facility Type: Portland Cement  Default Auth Lab: Physical Lab
Project Certification: Critical  MSG Responsibility: Physical Lab

Methods of Acceptance
Pretest: N/A  Alt ID Matching: (None)
Sample/Test: Required  Approved List: N/A
Visual Inspection: N/A  Catalog Cut: N/A
Field Inspection: N/A  Small Quantity: Yes  1/4 ton

Certification: Required  Responsibility
Type
1: Certified Mill Test Report
M&T  RE  Both
2: Typical Certified Mill Test Report
M&T  RE  Both
(Non) M&T 913 Report (Steel)

Testing Requirements
Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Acceptance  90.00  Project Personnel  M&T Lab

Sample Comment: 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19

Owning Lab: Chemical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  Performed By: conv
Check In: Changed Subgrade Stabilizers, Portland Cement from Non-Critical to Critical and entered frequency info
Subgrade Stabilizers, Portland Cement

General

- **Group:** Concrete
- **How Received:** Ticket
- **Metric/English:** English
- **Facility Type:** Portland Cement
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Critical
- **MSG Responsibility:** Physical Lab

**Status:** History

**Version:** 2.01

**From Date:** 04/14/2004  **To Date:** 09/23/2006

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 1/4 ton

Other Reports:

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1- 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

**Technician Certifications:** (None)

Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006  
Performed By: conv

Check In: Changed Subgrade Stabilizers, Portland Cement from Non-Critical to Critical and entered frequency info.
**Subgrade Stabilizers, Portland Cement**

### General

<table>
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<tbody>
<tr>
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<td>01/01/1999 To Date: 12/31/2075</td>
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<tr>
<td>Facility Type:</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Physical Lab</td>
<td></td>
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<tr>
<td>Project Certification:</td>
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<tr>
<td>MSG Responsibility:</td>
<td>Physical Lab</td>
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<td></td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest:               | N/A                          | Certification: | Required |
| Alt ID Matching:       | (None)                       | Type           |         |
| Sample/Test:           | Required                     | Responsibility |         |
| Approved List:         | N/A                          | 1: Certified Mill Test Report | M&T ○ RE ○ Both |
| Visual Inspection:     | N/A                          | 2: Typical Certified Mill Test Report | M&T ○ RE ○ Both |
| Catalog Cut:           | N/A                          | (None)         | M&T ○ RE ○ Both |
| Field Inspection:      | N/A                          | M&T 913 Report (Steel) |         |
| Small Quantity:        | 1/4 ton                      |                 |         |

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>100.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** 1-3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

**Technician Certifications:** (None)

### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/2013  **Performed By:** rpace

**Check In:** New 2012 MSG  **Comment:**
Subgrade Stabilizers, Portland Cement

General
Group: Cement
How Received: Ticket
Metric/English: English
Facility Type: Portland Cement
Default Auth Lab: Physical Lab
Project Certification: Critical
MSG Responsibility: Physical Lab

Status: Expired
Version: 3.03
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1/4 ton

Other Reports:

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 100.00 Project Personnel M&T Lab

Sample Comment: 1- 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19

   Owner Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13

   Owner Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/28/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
Subgrade Stabilizers, Portland Cement

General

Group: Concrete  Status: History
How Received: Ticket  Version: 2.00
Metric/English: Metric  From Date: 06/28/2001  To Date: 08/23/2001
Facility Type: Portland Cement  Default Auth Lab: Physical Lab
Project Certification: Non-Critical  MSG Responsibility: Physical Lab

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type: M &T  RE  Both
Sample/Test: Required  Responsibility:
Approved List: N/A  1: Certified Mill Test Report
Visual Inspection: N/A  ○ M&T  RE  Both
Catalog Cut: N/A  2: Typical Certified Mill Test Report
Field Inspection: N/A  ○ M&T  RE  Both
Small Quantity: 1/4 ton  (None)
Other Reports:

Testing Requirements

Sample Comment: 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.

Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19

Owning Lab: Chemical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 06/28/2001  Performed By: v5conv
Check In  Added pm12cem.xls to Subgrade Stabilizer, Portland
Comment: Cement
Subgrade Stabilizers, Portland Cement

General

Group: Concrete  Status: History
How Received: Ticket  Version: 1.00
Metric/English: Metric  From Date: 08/16/2000
Facility Type: Portland Cement  To Date: 08/16/2000
Default Auth Lab: Physical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance

Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Responsibility
Sample/Test: Required  Type
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1/4 ton

Testing Requirements

Sample Comment: 1 - 2kg sample in a sealed doubled plastic bag or a 4 liter sealed plastic container per 90 metric tons.
Technician Certifications: (None)

Test Formats

1. Cement Test - Version 19

Owning Lab: Chemical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Subgrade Stabilizers, Portland Cement

## General

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**Status:** Expired  
**Version:** 3.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

## Methods of Acceptance

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<tr>
<td>Small Quantity:</td>
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**Other Reports:**

## Testing Requirements

### Test Category

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<th>Testing Responsibility</th>
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<tr>
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<td>Project Personnel</td>
<td>M&amp;T Lab</td>
<td></td>
</tr>
</tbody>
</table>

**Sample Comment:** 1-3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons.

**Technician Certifications:** (None)

### Test Formats

1. **Cement Test - Version 19**
   - **Owning Lab:** Chemical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** Both  
   - **Sample/Test Remarks:**

2. **Portland Cement Type I & II - Version 13**
   - **Owning Lab:** Physical Lab  
   - **IA Type:** None  
   - **Metric/English Code:** English  
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace  
**Check In:** Changed Subgrade Stabilizers, Portland Cement from  
**Comment:** Non-Critical to Critical and entered frequency info.
Subgrade Stabilizers, Portland Cement

General

<table>
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<tr>
<td>MSG Responsibility</td>
<td>Physical Lab</td>
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<td></td>
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</tbody>
</table>

Methods of Acceptance

| Pretest             | N/A                  |
| Alt ID Matching     | (None)               |
| Sample/Test         | Required             |
| Approved List       | N/A                  |
| Visual Inspection   | N/A                  |
| Catalog Cut         | N/A                  |
| Field Inspection    | N/A                  |
| Small Quantity      | 1/4 ton              |
| Other Reports       |                      |

Testing Requirements

| Sample Comment       | 1- 3lb sample in a sealed doubled plastic bag or a 1 gallon sealed plastic container per 100 tons. |
| Technician Certifications | (None)                  |

Test Formats

1. Cement Test - Version 19
   
   | Owning Lab: Chemical Lab | Metric/English Code: Both |
   | IA Type: None            | Sample/Test Remarks:     |

2. Portland Cement Type I & II - Version 13
   
   | Owning Lab: Physical Lab | Metric/English Code: English |
   | IA Type: None            | Sample/Test Remarks:      |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/16/2000   Performed By: rpace
Check In: Added freqs for new material type - subgrade stabilizers.
Comment:
Subgrade Stabilizers, Portland Cement

General
Group: Concrete
How Received: Ticket
Metric/English: English
Facility Type: Lime Products
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 1/4 ton
Other Reports:

Certification:
Required Type
1: Certified Mill Test Report
2: Typical Certified Mill Test Report
(None)

Responsibility
M&T RE Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment:
Technician Certifications: (None)

Test Formats
1. Cement Test - Version 19
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Portland Cement Type I & II - Version 13
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Temporary Materials

#### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
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<tbody>
<tr>
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<tr>
<td>☐</td>
<td></td>
<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>
## Temporary Materials

### General
- **Group:** Miscellaneous
- **Status:** Correcting
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** (None)
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification Table

<table>
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<tr>
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<tr>
<td>□</td>
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<td>M&amp;T 913 Report (Steel)</td>
</tr>
</tbody>
</table>
## Temporary Materials

### General
- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Facility Type:** (None)  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

<table>
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<tr>
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<th>Type</th>
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☐ **M&T 913 Report (Steel)**

---

**Action Date:** 02/14/2013  
**Performed By:** rpace  
**Check In:** New 2013 MSG  
**Comment:**
## Temporary Materials

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification Options
- **Certification:** N/A
- **Type:**
  - (None)
  - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

- **M&T 913 Report (Steel):**

---

### Action Date: 08/18/2008
### Performed By: rpace
### Check In: Changed to MRR
### Comment:
### Temporary Materials

#### General
- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:**

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- ☐ M&T 913 Report (Steel)

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** v5conv  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Temporary Materials

#### General

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</table>

#### Methods of Acceptance

| Pretest: | N/A    |
| Alt ID Matching: | (None) |
| Sample/Test: | N/A    |
| Approved List: | N/A    |
| Visual Inspection: | Required |
| Catalog Cut: | N/A    |
| Field Inspection: | N/A    |

| Certification: | N/A    |
| Responsibility | M&T RE Both |

### Testing Requirements

**Sample Comment:**

- Prepayment Invoice Required; Pay Adj Required
- Technician Certifications: (None)

**Action Date:** 05/15/1997

**Performed By:** twhiltington

**Check In:** Archive data come from Minimum Sampling Guide on v3.0

**Comment:** Production db
## Temporary Materials

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:**

### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

### Certification

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- **M&T 913 Report (Steel)**

### Action Details
- **Action Date:** 02/27/2013
- **Performed By:** rpace
- **Check In:** New MSG Groups 2013
- **Comment:**
**Temporary Materials**

**General**

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<td>Miscellaneous</td>
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<td>N/A</td>
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<td>M&amp;T</td>
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</tr>
</tbody>
</table>

**Methods of Acceptance**

- **Certification**: N/A
- **Responsibility**: M&T

**Testing Requirements**

- **Sample Comment**: Archive data come from Minimum Sampling Guide on v3.0
- **Technician Certifications**: (None)
## Temporary Materials

### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
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<tbody>
<tr>
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<tr>
<td>Metric/English:</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type:</td>
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<td>Default Auth Lab:</td>
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</tr>
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<td>Project Certification:</td>
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<tr>
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<td>Field Section</td>
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### Methods of Acceptance

<table>
<thead>
<tr>
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<tr>
<td>Sample/Test:</td>
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<tr>
<td>Approved List:</td>
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<tr>
<td>Catalog Cut:</td>
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</tr>
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<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
<td>□</td>
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<tr>
<td>Other Reports:</td>
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### Certification

<table>
<thead>
<tr>
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</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

#### Sample Comment:

- Technician Certifications: (None)

---

**Action Date:** 05/15/1997  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Temporary Materials

General
- Group: Miscellaneous
- Status: Expired
- How Received: Not Received
- Version: 2.00
- Metric/English: English
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports:

Testing Requirements
- Sample Comment:
- Technician Certifications: (None)
Temporary Materials

General

- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 05/15/1997  To Date: 12/11/1999

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements

- Sample Comment:
- Technician Certifications: (None)

Certification: N/A

<table>
<thead>
<tr>
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<tr>
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</table>

☐ M&T 913 Report (Steel)

Action Date: 05/15/1997  Performed By: twhittington
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Temporary Steel Beam Guardrail Terminal Sections

General
- Group: Steel
- Status: Expired
- How Received: Material Receipt
- Version: 1.00
- Metric/English: Both
- From Date: 01/01/1999
- To Date: 12/31/2075
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: 
- Other Reports: 

Testing Requirements
- Sample Comment: Changed to coincide with new project certification requirements. rkp
- Technician Certifications: (None)

Test Formats
1. Field Section Miscellaneous Test - Version 3
   - Owning Lab: Field Section
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

   Certification: Required
   Type
   Responsibility
   3: Manufacturer's Certification
   (None)
   (None)
   □ M&T 913 Report (Steel)
### Temporary Steel Beam Guardrail Terminal Sections

#### General
- **Status:** Current
- **Version:** 1.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

- **Group:** Guardrail
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** Required

**Certification:** Required
- **Type:** 3: Manufacturer's Certification
- **Responsibility:** M&T

**Sample/Test Remarks:** M&T 913 Report (Steel)

**Inspection Type(s):** Guardrail

#### Testing Requirements
- **Test Category:** Acceptance
- **Sample Frequency:** 4.00

- **Sampling Responsibility:** M&T Field
- **Testing Responsibility:** M&T Field

**Sample Comment:**

**Technician Certifications:** (None)

#### Test Formats
1. **Field Section Miscellaneous Test - Version 3**
   - **Owning Lab:** Field Section
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

**Action Date:** 03/21/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
Temporary Steel Beam Guardrail Terminal Sections

General

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<td>Critical</td>
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<td>MSG Responsibility:</td>
<td>Field Section</td>
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Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: Required

Certification: Required

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<td>M&amp;T RE Both</td>
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- M&T 913 Report (Steel)
- Inspection Type(s): Guardrail
- Small Quantity: 
- Other Reports:

Testing Requirements

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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
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Sample Comment:

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

  - Owning Lab: Field Section
  - IA Type: None
  - Metric/English Code: Both
  - Sample/Test Remarks:
Temporary Steel Beam Guardrail Terminal Sections

General

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<td>Default Auth Lab</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Field Section</td>
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Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: Required

Certification: Required

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- M&T 913 Report (Steel)

Inspection Type(s): Guardrail

Testing Requirements

<table>
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<th>Testing Responsibility</th>
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<td>M&amp;T Field</td>
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</table>

Sample Comment: (None)

Technician Certifications: (None)

Test Formats

1. Field Section Miscellaneous Test - Version 3

  | Owning Lab: Field Section | Metric/English Code: Both | Sample/Test Remarks: |
  | IA Type: None             |                          |                       |

Action Date: 02/19/2013
Performed By: rpace
Check In: New MSG 2013
Comment:
## Timber Products

### General

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<td>Metric/English</td>
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<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
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<tr>
<td>Project Certification</td>
<td>Critical</td>
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<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
</tbody>
</table>

### Status

- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Status:** Expired

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged

### Certification

- **Type:** Optional
  - 4: Certified Test Reports
- **Responsibility:**
  - M&T
  - RE
  - Both

### M&T 913 Report (Steel)

### Testing Requirements

<table>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</table>

**Sample Comment:** Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

**Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/06/2009

**Performed By:** rpace

**Check In:** Changed from pretest to type 4 cert required and added comments to sample freq.

**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Timber Products

General

<table>
<thead>
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<tr>
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<tr>
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<td>Structural Members - Steel</td>
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</table>

Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

| Pretest          | N/A                |
| Alt ID Matching  | (None)             |
| Sample/Test      | N/A                |
| Approved List    | N/A                |
| Visual Inspection| N/A                |
| Catalog Cut      | N/A                |
| Field Inspection | N/A                |
| Small Quantity   | N/A                |
| Other Reports    | Stamped by Contract Inspector |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</table>

Sample Comment: Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Timber Products

General

Group: Structural  Status: Expired
How Received: Material Receipt  Version: 3.01
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A  Certification: Optional
Alt ID Matching: (None)  Type
Sample/Test: N/A  4: Certified Test Reports
Approved List: N/A  (None)
Visual Inspection: N/A  (None)
Catalog Cut: N/A
Field Inspection: N/A

Other Reports: Stamped by Contract Inspector and NC DOT Tagged

Testing Requirements

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T Field</td>
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</tbody>
</table>

Sample Comment: Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

Technical Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/06/2009  Performed By: rpace
Check In Changed from pretest to type 4 cert required and added
Comment: comments to sample freq.
### Timber Products

#### General
- **Group:** Structural  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** Wood Products  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Structural Members  

#### Methods of Acceptance

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- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged

#### Certification:

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T RE Both</td>
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<td>(None)</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
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- **M&T 913 Report (Steel)**

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
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<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Pretest</td>
<td>100,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

- **Sample Comment:** Pretested by M&T  
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** rpace

**Check In:** Changed to coincide with new project certification  
**Comment:** requirements. rkp
Timber Products

General

Group: Structural
How Received: Material Receipt
Metric/English: Metric
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports: Stamped by Contract Inspector and NC DOT Tagged

Testing Requirements

Test Category: Pretest
Sample Frequency: 100,000.00
Sampling Responsibility: M&T Lab
Testing Responsibility: M&T Field

Sample Comment: Pretested by M&T
Technician Certifications: None

Certification:

<table>
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<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T, RE, Both</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/28/2001
Performed By: dgreene
Check In: Temporary change until alternate ID's have been entered
Comment:
## Timber Products

### General

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### Methods of Acceptance

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### Certification

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<tr>
<td></td>
<td></td>
<td></td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>○ M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- □ M&T 913 Report (Steel)

### Other Reports

- Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required; Pay Adj Required

### Testing Requirements

**Sample Comment:**

- Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
# Timber Products

## General

<table>
<thead>
<tr>
<th>Group</th>
<th>Structural</th>
<th>Status</th>
<th>Expired</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
<td>Version</td>
<td>3.00</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
<td>From Date</td>
<td>01/01/1999</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Wood Products</td>
<td>To Date</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
<td>MSG Responsibility</td>
<td>Structural Members</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Critical</td>
<td></td>
<td></td>
</tr>
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</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match, Alt ID Required</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List:</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity:</td>
<td></td>
</tr>
<tr>
<td>Other Reports:</td>
<td>Stamped by Contract Inspector and NC DOT Tagged</td>
</tr>
</tbody>
</table>

## Certification

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
</tr>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
<td>M&amp;T Field</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Field</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T Field</td>
</tr>
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</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>100,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

Sample Comment: Pretested by M&T

Technician Certifications: (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: rpace

Check In: Changed certification status from non-critical to critical

Comment: Changed certification status from non-critical to critical.
Timber Products

General

Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match, Alt ID Required
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: Stamped by Contract Inspector and NC DOT Tagged

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Pretest | 100,000.00 | M&T Lab | M&T Field

Sample Comment: Pretested by M&T

Technician Certifications: (None)

Certification: Optional Type

6: Supplier's Certification
- M&T
- RE
- Both

Responsibility
- M&T
- RE
- Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Timber Products

### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Certification:** M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:**
  - Stamped by Contract Inspector and NC DOT Tagged; Prepayment Invoice Required; Pay Adj Required

### Note

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
# Timber Products

## General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** Wood Products
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

### Status
- **Version:** 2.01
- **From Date:** 02/05/2003
- **To Date:** 09/23/2006

### Methods of Acceptance

<table>
<thead>
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<th>Approved List: N/A</th>
<th>Visual Inspection: N/A</th>
<th>Catalog Cut: N/A</th>
<th>Field Inspection: N/A</th>
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</table>

<table>
<thead>
<tr>
<th>Certification: Optional Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>6: Supplier's Certification (None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>100,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

- **Sample Comment:** Pretested by M&T
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Changed to coincide with new project certification
Comment: requirements. rkp
### Timber Products

#### General
- **Group:** Structural
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** Wood Products
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>100,000.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
</tr>
</tbody>
</table>

- **Sample Comment:** Pretested by M&T
- **Technician Certifications:** (None)

#### Certification

<table>
<thead>
<tr>
<th>Certification Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>6: Supplier's Certification</td>
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</tr>
<tr>
<td>(None)</td>
<td>M&amp;T, RE, Both</td>
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</tbody>
</table>

- **Checked:** ☑️
- **Action Date:** 11/15/2006
- **Performed By:** conv
- **Check In:** Changed certification status from non-critical to critical
- **Comment:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
**Timber Products**

**General**
- **Group:** Structural
- **Status:** Expired
- **How Received:** Material Receipt
- **Version:** 3.00
- **Metric/English:** Both
- **Facility Type:** Wood Products
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Structural Members

**Methods of Acceptance**
- **Pretest:** Required
- **Alt ID Matching:** No Match, Alt ID Required
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Stamped by Contract Inspector and NC DOT Tagged

**Certification:**
- **Type:** Optional
- **Responsibility:**
  - 6: Supplier's Certification
    - (None)
  - (None)

**Testing Requirements**

<table>
<thead>
<tr>
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<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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</thead>
<tbody>
<tr>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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**Sample Comment:** Pretested by M&T

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999

**Performed By:** rpace

**Check In:** Changed to coincide with new project certification

**Comment:** requirements. rkp
Timber Products

General
- Group: Structural
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: Wood Products
- Default Auth Lab: Structural Members - Steel
- Project Certification: Non-Critical
- MSG Responsibility: Structural Members

Methods of Acceptance
- Pretest: Required
- Alt ID Matching: No Match, Alt ID Required
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: Stamped by Contract Inspector and NC DOT Tagged

Certification: Optional Type
- 6: Supplier's Certification
  - (None)
  - (None)

Responsibility
- M & T Lab
- M & T Field

Testing Requirements
- Test Category: Pretest
- Sample Frequency: 999,999.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Field

Sample Comment: Pretested by M&T

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Timber Products

General

<table>
<thead>
<tr>
<th>Group</th>
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<tr>
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<td>Project Certification</td>
<td>Non-Critical</td>
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</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</table>

Methods of Acceptance

<table>
<thead>
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<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
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<tr>
<td>Sample/Test</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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</tr>
</tbody>
</table>

Testing Requirements

| Sample Comment: |                  |
| Technician Certifications: | (None) |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997
Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Timber Products

### General

<table>
<thead>
<tr>
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</tr>
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<tr>
<td>Facility Type:</td>
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<td>To Date:</td>
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<tr>
<td>Default Auth Lab:</td>
<td>Structural Members - Steel</td>
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<td>Project Certification:</td>
<td>Critical</td>
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<td>MSG Responsibility:</td>
<td>Structural Members</td>
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### Methods of Acceptance

<table>
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<tr>
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<th>Certification:</th>
<th>Optional Type</th>
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<tr>
<td>Visual Inspection:</td>
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<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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<td>Catalog Cut:</td>
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<td>M&amp;T Field</td>
<td>M&amp;T Field</td>
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<tr>
<td>Field Inspection:</td>
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<tr>
<td>Small Quantity:</td>
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</tr>
<tr>
<td>Other Reports:</td>
<td>Stamped by Contract Inspector and NC DOT Tagged</td>
<td></td>
<td></td>
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</tbody>
</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
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<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>999,999.00</td>
<td>M&amp;T Lab</td>
<td>M&amp;T Field</td>
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</tbody>
</table>

**Sample Comment:** Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

**Technician Certifications:** (None)

---

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
North Carolina Department of Transportation
Minimum Sampling Guide

Timber Products

General
Group: Structural
How Received: Material Receipt
Metric/English: English
Facility Type: Wood Products
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Certification: Optional Type
4: Certified Test Reports
(M&T) RE Both
(Both)

Responsibility
M&T RE Both
M&T RE Both
M&T RE Both

□ M&T 913 Report (Steel)

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Pretest 100,000.00 M&T Lab M&T Field

Sample Comment: Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
Timber Products

General

- Group: Structural
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: Wood Products
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Structural Members

Status: Expired

Version: 3.02

From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: N/A
- Other Reports: Stamped by Contract Inspector and NC DOT Tagged

Certification:

<table>
<thead>
<tr>
<th>Optional Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>4: Certified Test Reports</td>
<td>M&amp;T  RE Both</td>
</tr>
</tbody>
</table>

Test Category: Pretest

- Sample Frequency: 999,999.00
- Sampling Responsibility: M&T Lab
- Testing Responsibility: M&T Field

Sample Comment: Contractor Must Provide Type 4 Certification to RE. Must be Stamped by Contract Inspector; Prepayment Invoice Required

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/19/2013

Performed By: rpace

Check In: New MSG 2013

Comment:
Traffic Control Devices, Portable Concrete Barrier

General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section
- **From Date:** 06/13/2002
- **To Date:** 06/13/2002
- **Version:** 1.00
- **Status:** History
- **Pretest:** (None)
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

Methods of Acceptance

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>7: Contractor's Certification</td>
<td>(None)</td>
<td>(\text{M}&amp;\text{T} ; \checkmark ; \text{RE} ; \text{Both})</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>(\text{M}&amp;\text{T} ; \checkmark ; \text{RE} ; \text{Both})</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>☐</td>
<td>(\text{M}&amp;\text{T} ; \checkmark ; \text{RE} ; \text{Both})</td>
</tr>
</tbody>
</table>

Testing Requirements

- **Sample Comment:**

  - **Technician Certifications:** (None)

Action Date: 06/13/2002
Performed By: twhittington
Check In: New Material Type for Used Barrier Rail.
Comment:
### Traffic Control Devices, Portable Concrete Barrier

#### General
- **Group:** Traffic Control  
- **How Received:** Material Receipt  
- **Metric/English:** English  
- **Facility Type:** (None)  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Minor  
- **MSG Responsibility:** Field Section  

**Status:** History  
**Version:** 1.00  
**From Date:** 06/13/2002  
**To Date:** 06/13/2002

#### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** No Samples Required. Barrier must be stamped "NCDOT Approved".  
- **Other Reports:** Prepayment Invoice Required

#### Certification
- **Type:** Required  
- **7: Contractor's Certification**
  - (None)

#### Testing Requirements
- **Sample Comment:** No Samples Required. Barrier must be stamped "NCDOT Approved".  
- **Technician Certifications:** (None)

---

**Action Date:** 06/13/2002  
**Performed By:** twhistington  
**Check In:** New Material Type for Used Barrier Rail.  
**Comment:**

---
# Traffic Control Devices, Portable Construction Zone

## General

<table>
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<tr>
<th>Field Section</th>
<th>Status: Expired</th>
<th>Version: 3.00</th>
<th>From Date: 01/01/1999</th>
<th>To Date: 12/31/2075</th>
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<tbody>
<tr>
<td>Traffic Control</td>
<td>Group: Traffic Control</td>
<td>How Received: Material Receipt</td>
<td>Metric/English: Both</td>
<td>Facility Type: (None)</td>
</tr>
<tr>
<td>Critical Field Section</td>
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<td>Project Certification: Critical</td>
<td>MSG Responsibility: Field Section</td>
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## Methods of Acceptance

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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<td>(None)</td>
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<tr>
<td>Sample/Test</td>
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<td>(None)</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>Required</td>
<td>(None)</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td>(None)</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td><strong>M&amp;T 913 Report (Steel)</strong></td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required</td>
<td></td>
</tr>
</tbody>
</table>

## Testing Requirements

<table>
<thead>
<tr>
<th>Field Section</th>
<th>Sample Comment: No sample - Accepted by certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technician Certifications</td>
<td>(None)</td>
</tr>
</tbody>
</table>

Action Date: 01/01/1999
Performed By: fmoody
Check In: Traffic, Control Devices, Portable Construction Zone
Comment: (Both) changed Visual Inspection to Required.
Traffic Control Devices, Portable Construction Zone

General
Group: Traffic Control  Status: History
How Received: Material Receipt  Version: 2.00
Metric/English: Both  From Date: 09/01/2005  To Date: 09/01/2005
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Critical
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required

Certification: Required
Type
7: Contractor's Certification
○ M&T  ● RE  ○ Both
(Non) (Non)
(Non)
(Non)
☐ M&T 913 Report (Steel)

Testing Requirements
Sample Comment: No sample - Accepted by certification
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/01/2005  Performed By: fmoody
Check In: Traffic Control Devices, Portable Construction Zone - Field Section  Comment: changed MSG Responsibility from Traffic Engineering to Field Section
Traffic Control Devices, Portable Construction Zone

General

- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

Status: History

Version: 1.00

From Date: 04/19/2004

To Date: 04/19/2004

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

Certification: Required

- **Type**
  - 7: Contractor's Certification
    - (None)

Responsibility

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T
- RE
- Both

- M&T 913 Report (Steel)

Testing Requirements

- **Sample Comment:** No sample - Accepted by certification
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/19/2004

Performed By: fmoody

Check In: Traffic Control Devices, Portable Construction Zone (Both)

Comment: - Changed Project Certification to Critical.
Traffic Control Devices, Portable Construction Zone

**General**
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

**Status:** History
- **Version:** 1.01
- **From Date:** 04/19/2004
- **To Date:** 09/23/2006

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

**Testing Requirements**
- **Sample Comment:**
- **Technician Certifications:** (None)

**Certification:** Required
- **Type**
- **Responsibility**
  - 7: Contractor's Certification
    - (None)
    - (None)
    - M&T
    - RE
    - Both

- □ M&T 913 Report (Steel)

**Action Date:** 11/15/2006
- **Performed By:** conv
- **Check In** Traffic Control Devices, Portable Construction Zone
- **Comment:** (Metric) - Changed Project Certification to Critical.
## Traffic Control Devices, Portable Construction Zone

### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Certification
- **Certification:** Required
- **Type:**
  - 7: Contractor's Certification
    - (None)
  - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

### Testing Requirements
- **Sample Comment:** No Samples Required. Barrier must be stamped "NCDOT Approved".
- **Technician Certifications:** (None)

Action Date: 11/15/2006  
Performed By: conv  
Check In: Traffic Control Devices, Portable Construction Zone  
Comment: (English) - Changed Project Certification to Critical.
### Traffic Control Devices, Portable Construction Zone

#### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Critical
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required

#### Testing Requirements
- **Sample Comment:** No sample - Accepted by certification
- **Technician Certifications:** (None)

<table>
<thead>
<tr>
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<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<tr>
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- **M&T 913 Report (Steel)**

---

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Traffic, Control Devices, Portable Construction Zone  
**Comment:** (Both) changed Visual Inspection to Required.
## Traffic Control Devices, Portable Construction Zone

### General

**Group:** Traffic Control  
**Status:** Current  
**Version:** 2.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**How Received:** Material Receipt  
**Metric/English:** Metric  
**Facility Type:** (None)  
**Default Auth Lab:** Field Section  
**Project Certification:** Critical  
**MSG Responsibility:** Field Section

### Methods of Acceptance

- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** Required  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
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<th>Type</th>
<th>Responsibility</th>
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</table>
| 7: Contractor's Certification  
(Non) | | M&T RE Both |

- **M&T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:**  
- **Technician Certifications:** (None)

---

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Traffic Control Devices, Portable Construction Zone  
**Comment:** (Metric) - Changed Project Certification to Critical.
### Traffic Control Devices, Portable Construction Zone

#### General
- **Group**: Traffic Control
- **Status**: Expired
- **Version**: 3.00
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075

#### Methods of Acceptance
- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: Required
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: No Samples Required. Barrier must be stamped "NCDOT Approved".

#### Testing Requirements
- **Sample Comment**: Prepared Invoice Required
- **Technician Certifications**: (None)

#### Certification
- **Certification Type**: Required
- **Responsibility**
  - 7: Contractor's Certification
    - M&T
    - RE
    - Both

#### Action Date: 01/01/1999
#### Performed By:fmood
#### Check In: Traffic Control Devices, Portable Construction Zone
#### Comment: (English) - Changed Project Certification to Critical.
# Traffic Control Devices, Portable Construction Zone

## General

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## Methods of Acceptance

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## Certification

<table>
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<td>M&amp;T, RE, Both</td>
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<tr>
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- M&T 913 Report (Steel)

## Testing Requirements

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<td>twhittington</td>
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<td>Check In</td>
<td>Rename</td>
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## Traffic Control Devices, Portable Construction Zone

### General

- **Group**: Traffic Control
- **Status**: Current
- **Version**: 3.02
- **From Date**: 01/01/1999
- **To Date**: 12/31/2075

### Methods of Acceptance

- **Pretest**: N/A
- **Alt ID Matching**: (None)
- **Sample/Test**: N/A
- **Approved List**: N/A
- **Visual Inspection**: Required
- **Catalog Cut**: N/A
- **Field Inspection**: N/A
- **Small Quantity**: No sample - Accepted by certification
- **Other Reports**: Prepayment Invoice Required

### Testing Requirements

- **Sample Comment**: No sample - Accepted by certification
- **Technician Certifications**: (None)

### Certification

- **7: Contractor's Certification**
  - **Type**: Required
  - **Responsibility**: M & T
  - **Certification**: M&T 913 Report (Steel)

### Action Date

- **Action Date**: 02/27/2013
- **Performed By**: rpace
- **Check In**: New MSG Groups 2013
- **Comment**: 
## Traffic Control Devices, Portable Construction Zone

### General

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<td>Group</td>
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<td>To Date</td>
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### Methods of Acceptance

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<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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### Certification

<table>
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<tr>
<th>Certification</th>
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### Testing Requirements

<table>
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<tr>
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<tbody>
<tr>
<td>Sample Comment</td>
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</table>

**Action Date:** 02/20/2013  **Performed By:** rpace

**Check In:** NEW MSG 2013  **Comment:**
Traffic Control Devices, Portable Construction Zone

General

- Group: Traffic Control
- How Received: Material Receipt
- Metric/English: Both
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Critical
- MSG Responsibility: Field Section

Status: Expired
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: Required
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No sample - Accepted by certification
- Other Reports: Prepayment Invoice Required

Testing Requirements

- Sample Comment: (None)
- Technician Certifications: (None)
Traffic Control Materials, Barricades

General
- **Group:** Traffic Control
- **Status:** Current
- **Version:** 1.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

Testing Requirements
- **Sample Comment:** No Samples - Accepted by M&T
- **Technician Certifications:** (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Traffic Control Materials, Barricades (Metric) - Changed
Comment: Project Certification to Critical.
Traffic Control Materials, Barricades

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Status: Expired
Version: 1.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No
Other Reports:

Certification: Required
Type

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<th>Type</th>
<th>Responsibility</th>
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M&T 913 Report (Steel)

Testing Requirements

Sample Comment: No Samples.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In: Traffic Control Materials, Barricades (English) - Changed
Comment: Project Certification to Critical.
# Traffic Control Materials, Barricades

## General

<table>
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<tr>
<th>Group</th>
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</thead>
<tbody>
<tr>
<td>How Received</td>
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<td>Metric/English</td>
<td>English</td>
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<td>Facility Type</td>
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<td>Default Auth Lab</td>
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## Methods of Acceptance

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<tr>
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<td>Sample/Test</td>
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<tr>
<td>Approved List</td>
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<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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### Certification

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<tr>
<td>7: Contractor's Certification</td>
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<td>3: Manufacturer's Certification</td>
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- **M&T 913 Report (Steel)**

## Testing Requirements

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**Action Date**: 02/14/2013  
**Performed By**: rpace  
**Check In**: NEW 2013 MSG  
**Comment**: 
Traffic Control Materials, Permanent

General
- Group: Traffic Control
- Status: Expired
- Version: 2.00
- From Date: 01/01/1999
- To Date: 12/31/2075

How Received: Material Receipt

Metric/English: English

Facility Type: (None)

Default Auth Lab: Structural Members - Steel

Project Certification: Critical

MSG Responsibility: Traffic Engineering

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No Samples - Accepted by M&T

Other Reports:

Testing Requirements
- Sample Comment: No Samples - Accepted by M&T
- Technician Certifications: (None)

Certification: Required
- Type: 2: Typical Certified Mill Test Report
- Responsibility:
  - M&T
  - RE
  - Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Perform By: fmoody
Check In: Traffic Control Materials, Permanent (English) - Changed
Comment: Project Certification to Critical.
## Traffic Control Materials, Permanent

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Traffic Control</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>English</td>
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<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
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</tr>
<tr>
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<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Structural Members</td>
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</table>

**Status:** History  
**Version:** 1.00

**From Date:** 10/15/1997  
**To Date:** 12/11/1999

### Methods of Acceptance

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<tr>
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<tr>
<td>Catalog Cut</td>
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<td>Field Inspection</td>
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<tr>
<td>Small Quantity</td>
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### Testing Requirements

**Sample Comment:**

**Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Traffic Control Materials, Permanent

General

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
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<tbody>
<tr>
<td>Group</td>
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</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
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<tr>
<td>Default Auth Lab</td>
<td>Structural Members - Steel</td>
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<td>Project Certification</td>
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<td>MSG Responsibility</td>
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Methods of Acceptance

<table>
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<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
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<td>Other Reports</td>
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Testing Requirements

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Sample Comment</td>
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<tr>
<td>Technician Certifications</td>
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</tr>
</tbody>
</table>

Certification

- Required
- Type
  - 3: Manufacturer's Certification
    - (None)

- Responsibility
  - M&T
  - RE
  - Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/04/2008
Performed By: rpace
Check In: Changed cert type from Type 2 to Type 3-RkP
Comment:
Traffic Control Materials, Permanent

General
- Group: Traffic Control
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Structural Members - Steel
- Project Certification: Critical
- MSG Responsibility: Traffic Engineering

Status: Expired
- Version: 2.01
- From Date: 01/01/1999
- To Date: 12/31/2075

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: □
- Other Reports:

Certification: Required
- Type
  - 3: Manufacturer's Certification
    - (None)
    - M & T
    - RE
    - Both

Responsibility
- M & T
- RE
- Both

- M & T 913 Report (Steel)

Testing Requirements
- Sample Comment: No Samples - Accepted by M&T
- Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/04/2008
Performed By: rpace
Check In: Changed cert type from Type 2 to Type 3-RkP
Comment:
### Traffic Control Materials, Permanent

**General**
- **Group:** Traffic Control
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999  
  **To Date:** 12/31/2075
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples.
- **Other Reports:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>3: Manufacturer's Certification</td>
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</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td><strong>M&amp;T 913 Report (Steel)</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Testing Requirements
- **Sample Comment:** No Samples.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/04/2008  
**Performed By:** rpace  
**Check In:** Changed cert type from Type 2 to Type 3-RkP  
**Comment:**
### Traffic Control Materials, Permanent

#### General
- **Group:** Traffic Control
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/19/2004
- **To Date:** 09/23/2006

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples.
- **Other Reports:**

#### Certification
- **Required Type:**
  - 2: Typical Certified Mill Test Report
- **Responsibility:**
  - M & T
  - RE
  - Both
  - M & T
  - RE
  - Both

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td>M &amp; T 913 Report (Steel)</td>
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</table>

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006
**Performed By:** conv
**Check In:** Traffic Control Materials, Permanent (Both) - Changed
**Comment:** Project Certification to Critical.
# Traffic Control Materials, Permanent

## General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
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<tr>
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<td>Material Receipt</td>
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<tr>
<td>Metric/English</td>
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<td>Facility Type</td>
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<td>Default Auth Lab</td>
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<td>Project Certification</td>
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<td>To Date</td>
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## Methods of Acceptance

<table>
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<tr>
<th>Field</th>
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<tbody>
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<tr>
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</tr>
<tr>
<td>Sample/Test</td>
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<td>Approved List</td>
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</tr>
<tr>
<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<tr>
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<tr>
<td>Small Quantity</td>
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</table>

## Testing Requirements

<table>
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<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Sample Comment</td>
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</tr>
<tr>
<td>Technician Certifications</td>
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</tr>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006   Performed By: conv

Check In: Traffic Control Materials, Permanent (Metric) - Changed
Comment: Project Certification to Critical.
Traffic Control Materials, Permanent

### General
- **Group:** Traffic Control
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.01
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples - Accepted by M&T
- **Other Reports:**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Required Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Typical Certified Mill Test Report</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
<tr>
<td>(None)</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
</tbody>
</table>

- **Certification:** M & T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** No Samples - Accepted by M&T
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Traffic Control Materials, Permanent (English) - Changed  
**Comment:** Project Certification to Critical.
Traffic Control Materials, Permanent

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No Samples.
Other Reports:

Testing Requirements

Sample Comment: No Samples.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoody
Check In: Traffic Control Materials, Permanent (Both) - Changed
Comment: Project Certification to Critical.

Certification: Required
Type
2: Typical Certified Mill Test Report
(None)
(None)
Present: M&T
(RE) Both
(RE) Both

M&T 913 Report (Steel)
Traffic Control Materials, Permanent

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 10/15/1997  To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐
Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification:

Type

Required

Responsibility

2: Typical Certified Mill Test Report
(M &T) RE Both
(None)
(M &T) RE Both
M &T 913 Report (Steel)

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Traffic Control Materials, Permanent

### General
- **Group:** Traffic Control
- **Status:** Expired
- **Version:** 2.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

### Testing Requirements
- **Sample Comment:** No Samples - Accepted by M&T
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmooody  
**Check In:** Traffic Control Materials, Permanent (Metric) - Changed  
**Comment:** Project Certification to Critical.
Traffic Control Materials, Permanent

General

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<td>Structural Members</td>
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Methods of Acceptance

<table>
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<tr>
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</thead>
<tbody>
<tr>
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<td>Other Reports</td>
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Testing Requirements

<table>
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<tr>
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Certification: Required

<table>
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<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>2: Typical Certified Mill Test Report</td>
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<tr>
<td>(None)</td>
<td>(None)</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
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</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Traffic Control Materials, Permanent

**General**
- **Group:** Traffic Control
- **Status:** Current
- **Version:** 2.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

**How Received:** Material Receipt  
**Metric/English:** Both  
**Facility Type:** (None)  
**Default Auth Lab:** Structural Members - Steel  
**Project Certification:** Critical  
**MSG Responsibility:** Traffic Engineering

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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<tr>
<td>Alt ID Matching</td>
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</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
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<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
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<tr>
<td>Small Quantity</td>
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<tr>
<td>Other Reports</td>
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### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer’s Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T ○ RE ○ Both</td>
</tr>
</tbody>
</table>

- **M&T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:** No Samples.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace  
**Check In:** New MSG Groups 2013  
**Comment:**
Traffic Control Materials, Permanent

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Status: Current
Version: 2.02
From Date: 01/01/1999   To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Other Reports:

Certification: Required
Type
3: Manufacturer's Certification
(□ M&T (□ RE (□ Both

Responsibility

(□ M&T (□ RE (□ Both

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Traffic Control Materials, Permanent

**General**

- **Group:** Traffic Control
- **Status:** Expired
- **Version:** 2.02
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

**Facility Type:** (None)

- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** ❌
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:** No Samples.
- **Technician Certifications:** (None)

<table>
<thead>
<tr>
<th>Certification Type</th>
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<tbody>
<tr>
<td>Manufacturer's Certification</td>
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<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013  
**Performed By:** rpace

**Check In:** New MSG 2013  
**Comment:**

---

**Certification:** Required

- **M&T 913 Report (Steel)**
### Traffic Control Materials, Temporary

#### General

- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

#### Methods of Acceptance

<table>
<thead>
<tr>
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<tbody>
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<tr>
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<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
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</table>

#### Small Quantity

- No Samples.

#### Other Reports

- (None)

#### Certification

<table>
<thead>
<tr>
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<th>Responsibility</th>
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<tbody>
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<tr>
<td>3: Manufacturer's Certification</td>
<td>M &amp; T</td>
<td>RE</td>
</tr>
</tbody>
</table>

#### Testing Requirements

- **Sample Comment:** No Samples.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody  
**Check In:** Traffic Control Materials, Temporary (Both) - Changed  
**Comment:** Project Certification to Critical.
### Traffic Control Materials, Temporary

#### General
- **Group:** Traffic Control
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

#### Certification

<table>
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</table>

- **M&T 913 Report (Steel)**

#### Testing Requirements
- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  
**Performed By:** fmoody  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Traffic Control Materials, Temporary

**General**
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:**

**Testing Requirements**
- **Sample Comment:** No Samples - Accepted by M&T
- **Technician Certifications:** (None)

**Certification:**
- **Required Type:**
  - 7: Contractor's Certification
  - 3: Manufacturer's Certification
  - (None)

**Responsibility**
- M&T
- RE
- Both

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006 **Performed By:** conv
**Check In:** Traffic Control Materials, Temporary (Metric) - Changed
**Comment:** Project Certification to Critical.
Traffic Control Materials, Temporary

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No Samples.

Certification: Required

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<td>3: Manufacturer's Certification</td>
<td>M&amp;T ○ RE ○ Both</td>
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</table>

Tested Method: M&T 913 Report (Steel)

Testing Requirements

Sample Comment: No Samples.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Traffic Control Materials, Temporary

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Status: History
Version: 1.01
From Date: 04/19/2004
To Date: 09/23/2006

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: N/A

Other Reports:

Certification: Required

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M&T 913 Report (Steel)

Testing Requirements

Sample Comment: No Samples.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Traffic Control Materials, Temporary (Both) - Changed
Comment: Project Certification to Critical.
Traffic Control Materials, Temporary

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: ☐

Testing Requirements
Sample Comment: No Samples - Accepted by M&T
Technician Certifications: (None)

Certification: Required
Type
Responsibility
7: Contractor's Certification
☐ M&T ☐ RE ☐ Both
3: Manufacturer's Certification
(Required)
(Required)
☐ M&T ☐ RE ☐ Both
☐ M&T ☐ RE ☐ Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: fmoodly
Check In: Traffic Control Materials, Temporary (Metric) - Changed
Comment: Project Certification to Critical.
Traffic Control Materials, Temporary

General
Group: Traffic Control
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Physical Lab
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  □
Other Reports: Prepayment Invoice Required; Pay Adj Required

Testing Requirements
Sample Comment:
Technician Certifications: (None)

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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 10/15/1997  Performed By: fmoody
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
Traffic Control Materials, Temporary

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No Samples.
Other Reports:

Certification: Required
Type
Responsibility

7: Contractor's Certification
○ M&T ● RE ○ Both
3: Manufacturer's Certification
○ M&T ● RE ○ Both
(Non) M&T 913 Report (Steel)

Testing Requirements

Sample Comment: No Samples.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Traffic Control Materials, Temporary

**General**
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Physical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Status:** History
**Version:** 1.00
**From Date:** 10/15/1997  **To Date:** 12/11/1999

### Methods of Acceptance

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### Certification

<table>
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<tr>
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- M & T 913 Report (Steel)

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 10/15/1997  **Performed By:** fmoody

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  **Comment:** Production db
### Traffic Control Materials, Temporary

**General**

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<td>Metric/English:</td>
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<td>From Date:</td>
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<tr>
<td>To Date:</td>
<td>12/31/2075</td>
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</table>

**Methods of Acceptance**

- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: No
- Other Reports: No

**Certification**

- 7: Contractor's Certification
- 3: Manufacturer's Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
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<tr>
<td>M &amp; T</td>
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</tr>
</tbody>
</table>

- [ ] M&T 913 Report (Steel)

**Testing Requirements**

- Sample Comment: No Samples.
- Technician Certifications: (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/27/2013  
**Performed By:** rpace

**Check In:** New MSG Groups 2013

**Comment:**

---
Traffic Control Materials, Temporary

**General**
- **Group:** Traffic Control
- **Status:** Current
- **How Received:** Material Receipt
- **Version:** 2.01
- **Metric/English:** English
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No Samples.
- **Other Reports:**

**Testing Requirements**
- **Sample Comment:** No Samples.
- **Technician Certifications:** (None)

**Certification:** Required
- **Type**
  - 7: Contractor's Certification
  - 3: Manufacturer's Certification
  - (None)
- **Responsibility**
  - [ ] M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/20/2013
Performed By: rpace
Check In: NEW MSG 2013
Comment:
### Traffic Control Materials, Temporary

#### General
- **Group:** Traffic Control
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

#### Methods of Acceptance

<table>
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<td>Small Quantity</td>
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#### Testing Requirements
- **Sample Comment:** No Samples.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/19/2013  
**Performed By:** rpace

**Check In:** New MSG 2013  
**Comment:**

---

**Critical Traffic Engineering**

**Structural Members - Steel**

- **Expiration:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
Traffic Signal Materials

General

Group: Traffic Control

How Received: Material Receipt

Metric/English: Both

Facility Type: (None)

Default Auth Lab: Structural Members - Steel

Project Certification: Critical

MSG Responsibility: Traffic Engineering

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: N/A

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: Required

Field Inspection: N/A

Small Quantity: No

Other Reports:

Testing Requirements

Sample Comment: No Samples - Accepted by M&T

Technician Certifications: (None)

Certification: Required

Type

Responsibility

3: Manufacturer's Certification

○ M&T ○ RE ○ Both

(None)

○ M&T ○ RE ○ Both

(Non)

M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: fmood

Check In: Traffic Signal Materials (Both) - Changed Project Certification to Critical.

Comment: Certification to Critical.
### Traffic Signal Materials

#### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

#### Status
- **Status:** History
- **Version:** 1.00
- **From Date:** 05/13/1998
- **To Date:** 12/11/1999

#### Methods of Acceptance

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<td>Catalog Cut</td>
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<tr>
<td>Field Inspection</td>
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</table>

#### Certification
- **Certification:** Required
- **Type:**
  - 3: Manufacturer's Certification
    - (None)
- **Responsibility:**
  - M&T
  - RE
  - Both

#### Testing Requirements
- **Sample Comment:** Archive data come from Minimum Sampling Guide on v3.0
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/13/1998  
**Performed By:** dgreene  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
### Traffic Signal Materials

#### General

- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

#### Methods of Acceptance

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>Other Reports</td>
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#### Testing Requirements

- **Sample Comment:** No Samples - Accepted by M&T
- **Technician Certifications:** (None)

#### Certification

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<tr>
<th>Certification</th>
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<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
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<td>M&amp;T  RE Both</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Traffic Signal Materials

### General
- **Group:** Traffic Control
- **Status:** History
- **How Received:** Material Receipt
- **Version:** 1.00
- **Metric/English:** Metric
- **From Date:** 05/13/1998
- **To Date:** 12/11/1999
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

### Certification

<table>
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<th>Type</th>
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- **M&T 913 Report (Steel)**

### Testing Requirements

- **Sample Comment:**
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 05/13/1998  
**Performed By:** dgreen

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Traffic Signal Materials

General

Group: Traffic Control

How Received: Material Receipt

Metric/English: English

Traffic Engineering

Critical

Material Receipt

Facility Type: (None)

Default Auth Lab: Structural Members - Steel

Project Certification: Critical

MSG Responsibility: Traffic Engineering

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: N/A

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: Required

Field Inspection: N/A

Small Quantity: No samples required.

Other Reports: N/A

Certification: Required

Type

Responsibility

M &T RE Both

M &T RE Both

M &T RE Both

M &T RE Both

M &T 913 Report (Steel)

Testing Requirements

Sample Comment: No samples required.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: fmoody

Check In: Traffic Signal Materials (English) Changed Project Certification to Critical.

Comment: Certification to Critical.
Traffic Signal Materials

General

<table>
<thead>
<tr>
<th>Group: Traffic Control</th>
<th>Status: History</th>
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</thead>
<tbody>
<tr>
<td>How Received: Material Receipt</td>
<td>Version: 1.00</td>
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<tr>
<td>Metric/English: English</td>
<td>From Date: 05/13/1998</td>
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<tr>
<td>Facility Type: (None)</td>
<td>To Date: 12/11/1999</td>
</tr>
<tr>
<td>Default Auth Lab: Structural Members - Steel</td>
<td>Project Certification: Minor</td>
</tr>
<tr>
<td>MSG Responsibility: Structural Members</td>
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</table>

Methods of Acceptance

| Pretest: N/A | Alt ID Matching: (None) |
| Sample/Test: N/A | Approved List: N/A |
| Visual Inspection: N/A | Catalog Cut: Required |
| Field Inspection: N/A | Small Quantity: |

Other Reports: Prepayment Invoice Required; Pay Adj Required

Certification: Required

<table>
<thead>
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M&T 913 Report (Steel)

Notes:
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
- Action Date: 05/13/1998
- Performed By: dgreene
- Check In: Archive data come from Minimum Sampling Guide on v3.0
- Comment: Production db
## Traffic Signal Materials

### General
- **Group:** Traffic Control  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Traffic Engineering  
- **Status:** History  
- **Version:** 1.01  
- **From Date:** 04/20/2004  
- **To Date:** 09/23/2006

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** Required  
- **Field Inspection:** N/A  
- **Small Quantity:** No Samples - Accepted by M&T  
- **Other Reports:**

### Testing Requirements
- **Sample Comment:** No Samples - Accepted by M&T  
- **Technician Certifications:** (None)

### Certification
- **Type:** Required  
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
    - M&T
    - RE
    - Both

### Note
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date
- 11/15/2006  
- **Performed By:** conv  
- **Check In:** Traffic Signal Materials (Metric) Changed Project Certification to Critical.
## Traffic Signal Materials

### General
- **Group:** Traffic Control
- **Status:** History
- **Version:** 1.01
- **From Date:** 04/20/2004
- **To Date:** 09/23/2006
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:**

### Certification Requirements

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<td>M &amp; T</td>
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</table>

### Testing Requirements
- **Sample Comment:** No samples required.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Traffic Signal Materials (English) Changed Project Certification to Critical.

**Comment:** Certification to Critical.
Traffic Signal Materials

General

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<tr>
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Methods of Acceptance

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| Other Reports         | |

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Testing Requirements

<table>
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<tr>
<th>Sample Comment</th>
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<td>Technician Certifications</td>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006   Performed By: conv
Check In: Traffic Signal Materials (Both) - Changed Project
Comment: Certification to Critical.
## Traffic Signal Materials

### General
- **Group:** Signal
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:**

### Testing Requirements
- **Sample Comment:** No samples required.
- **Technician Certifications:** (None)

---

### Certification

<table>
<thead>
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</table>

- **Certification:** M&T 913 Report (Steel)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Traffic Signal Materials

### General
- **Group:** Signal  
- **How Received:** Material Receipt  
- **Metric/English:** Both  
- **Default Auth Lab:** Structural Members - Steel  
- **Project Certification:** Critical  
- **MSG Responsibility:** Traffic Engineering  
- **Status:** Current  
- **Version:** 2.03  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** Required  
- **Field Inspection:** N/A  
- **Small Quantity:** No Samples  
- **Other Reports:** M&T 913 Report (Steel)

### Testing Requirements
- **Sample Comment:** No Samples  
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/20/2013  
**Performed By:** rpace  
**Check In:** New MSG 2013  
**Comment:**
Traffic Signal Materials

General

Group: Traffic Control
How Received: Material Receipt
Metric/English: Both
Facility Type: (None)
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No Samples
Other Reports:

Testing Requirements

Sample Comment: No Samples
Technician Certifications: (None)

Certification: Required

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<thead>
<tr>
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<tr>
<td>3: Manufacturer's Certification</td>
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</table>

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/27/2013
Performed By: rpace
Check In: New MSG Groups 2013
Comment:
### Traffic Signal Materials

#### General
- **Group:** Traffic Control
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Structural Members - Steel
- **Project Certification:** Critical
- **MSG Responsibility:** Traffic Engineering

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No samples required.

#### Testing Requirements
- **Sample Comment:** No samples required.
- **Technician Certifications:** (None)

### Certification
<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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<td>M&amp;T RE Both</td>
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</table>

- **Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Traffic Signal Materials

General
Group: Traffic Control  Status: Expired
How Received: Material Receipt  Version: 2.01
Metric/English: Both  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)  
Default Auth Lab: Structural Members - Steel
Project Certification: Critical
MSG Responsibility: Traffic Engineering

Methods of Acceptance
Pretest: N/A  Certification: Required
Alt ID Matching: (None)  Type
Sample/Test: N/A  3: Manufacturer's Certification
Approved List: N/A  ○ M&T  ○ RE  ○ Both
Visual Inspection: N/A  ○ M&T  ○ RE  ○ Both
Catalog Cut: Required  ○ M&T  ○ RE  ○ Both
Field Inspection: N/A  ■ M&T 913 Report (Steel)
Small Quantity:  
Other Reports:

Testing Requirements
Sample Comment: No Samples  Action Date: 02/19/2013
Technician Certifications: (None)  Performed By: rpace
Check In: New MSG 2013  Comment:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Water - Landscape Use

**General**

- **Group:** Landscape
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

**Testing Requirements**

- **Sample Comment:**
  - Technician Certifications: (None)

**Certification**

- **Optional Type**
  - 6: Supplier's Certification
  - (None)
  - (None)

<table>
<thead>
<tr>
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<th>Type</th>
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</thead>
<tbody>
<tr>
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<td>Both</td>
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<td>Both</td>
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<td>RE</td>
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</table>

- M&T 913 Report (Steel)

**Action Date:** 03/09/2017  
**Performed By:** fdward  
**Check In:** Visual Inspection - Required  
**Comment:**
**Water - Landscape Use**

**General**

- **Group:** Landscape
- **Status:** Expired
- **Version:** 1.00
- **From Date:** 03/06/2017
- **To Date:** 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Roadside Environmental Traffic Engineering

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** N/A
- **Other Reports:** N/A

**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Water - Other

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Status: Current
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports: Water used in cement stabilization must meet the requirements of Section 1024-4.

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 999,999.00 | Project Personnel | M&T Lab

Sample Comment: One sample prior to first use on each project in which Cement is used in stabilization.

Technician Certifications: (None)

Test Formats

1. Water - Version 9

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Water - Other

General

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<td>Default Auth Lab:</td>
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<td>MSG Responsibility:</td>
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</table>

Methods of Acceptance

| Pretest:         | Required        | Certification: | N/A |
| Alt ID Matching: | No Match        | Type           |     |
| Sample/Test:     | Optional        | Responsibility | M&T RE Both |
| Approved List:   | N/A             |               |     |
| Visual Inspection: | N/A          |               |     |
| Catalog Cut:     | N/A             |               |     |
| Field Inspection: | N/A            |               |     |
| Small Quantity:  |                 |               |     |
| Other Reports:   | Water used in cement stabilization must meet the requirements of Section 1024-4. |

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Acceptance</td>
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<td>M&amp;T Lab</td>
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Sample Comment: One sample prior to first use on each project in which Cement is used in stabilization.

Technician Certifications: (None)

Test Formats

1. Water - Version 9

<table>
<thead>
<tr>
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Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Water - Other

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: History
Version: 1.00
From Date: 07/21/1997 To Date: 12/11/1999

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: □

Other Reports: Water used in cement stabilization must meet the requirements of Section 1024-4. Pay Adj Required

Testing Requirements
Sample Comment: One sample prior to first use on each project in which Cement is used in stabilization.

Technician Certifications: (None)

Test Formats
1. Water - Version 9

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Certification: N/A
Responsibility
M&T, RE, Both

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Water - Other

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Water used in cement stabilization must meet the requirements of Section 1024-4.

Testing Requirements

Test Category: Acceptance
Sample Frequency: 999,999.00
Sampling Responsibility: Project Personnel
Testing Responsibility: M&T Lab

Sample Comment: One sample prior to first use on each project in which Cement is used in stabilization.

Technician Certifications: (None)

Test Formats

1. Water - Version 9

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
North Carolina Department of Transportation
Minimum Sampling Guide

Water - Other

General

<table>
<thead>
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<th>Group</th>
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Status: History
Version: 1.00
From Date: 07/21/1997  To Date: 12/11/1999

Methods of Acceptance

| Pretest           | N/A                |
| Alt ID Matching   | (None)             |
| Sample/Test       | Required           |
| Approved List     | N/A                |
| Visual Inspection | N/A                |
| Catalog Cut       | N/A                |
| Field Inspection  | N/A                |
| Small Quantity    |                    |
| Other Reports     | Water used in cement stabilization must meet the requirements of Section 1024-4.;Pay Adj Required |

Certification: N/A

Responsibility

- M&T
- RE
- Both

Testing Requirements

Sample Comment: One sample prior to first use on each project in which Cement is used in stabilization.

Technician Certifications: (None)

Test Formats

1. Water - Version 9

Owning Lab: Chemical Lab

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 07/21/1997  Performed By: rpace
Check In: Archive data come from Minimum Sampling Guide on v3.0  Comment: Production db
### Water - Other

#### General
- **Group:** Miscellaneous
- **Status:** Correcting
- **Version:** 2.01
- **From Date:** 01/01/1999  To Date: 12/31/2075

#### Default Auth Lab:
- **Facility Type:** (None)
- **Lab Type:** Chemical Lab

#### Project Certification:
- **Msg Responsibility:** Chemical Lab

#### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>375,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample prior to first use on each project in which Cement is used in stabilization.

**Technician Certifications:** (None)

#### Test Formats

1. **Water - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012  
**Performed By:** dimiller

**Check In Comment:**
Water for Concrete

General
Group: Miscellaneous  Status: Expired
How Received: Material Receipt  Version: 2.02
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Chemical Lab

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: [ ]
Other Reports: See Section 1024-4 for specifications.

Certification: N/A
Responsibility
(None)
(None)
(Non)

Responsibility
○ M&T  ○ RE  ○ Both
○ M&T  ○ RE  ○ Both
○ M&T  ○ RE  ○ Both

Testing Requirements
Test Category Sample Frequency Sampling Responsibility Testing Responsibility
Acceptance 999,999.00 Project Personnel M&T Lab

Sample Comment: One sample in a 1 gal. plastic container.

Testing Requirements
Technician Certifications: (None)

Test Formats
1. Water - Version 9
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both

2. Water for Concrete Test - Version 6
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
### Water for Concrete

**General**
- **Group:** Miscellaneous  
- **Status:** Current  
- **How Received:** Not Received  
- **Version:** 2.01  
- **Metric/English:** Metric  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075

**Methods of Acceptance**
- **Pretest:** Optional  
- **Alt ID Matching:** No Match  
- **Sample/Test:** Required  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** N/A  
- **Field Inspection:** N/A  
- **Small Quantity:** No  
- **Other Reports:** See Section 1024-4 for specifications.

**Certification:** N/A  
- **Type:** N/A  
- **Responsibility:** M&T  
  - RE  
  - Both

**-testing requirement**
- **Test Category:** Acceptance  
- **Sample Frequency:** 375,000.00  
- **Sampling Responsibility:** Project Personnel  
- **Testing Responsibility:** M&T Lab

- **Sample Comment:** One sample in a 4 liter plastic container.

** Technician Certifications:** (None)

**Test Formats**
1. **Water - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Water for Concrete Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 12/08/2007  
**Performed By:** mnovello  
**Check In:** To change MSG Group from Concrete to Miscellaneous  
**Comment:**
Water for Concrete

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: N/A
Responsibility

- M&T
- RE
- Both
- (None)

Sample/Test Remarks:

- M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 999,999.00 | Project Personnel | M&T Lab

Sample Comment: One sample in a 1 gal. plastic container.

Technician Certifications: (None)

Test Formats

1. Water - Version 9
   
   Owning Lab: Chemical Lab
   IA Type: None
   Metric/English Code: Both
   Sample/Test Remarks:

2. Water for Concrete Test - Version 6
   
   Owning Lab: Physical Lab
   IA Type: None
   Metric/English Code: English
   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 12/08/2007  
Performed By: rpace
Check In: Changed MSG Group from Concrete to Misc.
Comment:
Water for Concrete

General
Group: Concrete
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: Expired
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Optional
Alt ID Matching: No Match
Sample/Test: Required
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Other Reports: See Section 1024-4 for specifications.

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Acceptance | 375,000.00 | Project Personnel | M&T Lab

Sample Comment: One sample in a 4 liter plastic container.

Technician Certifications: (None)

Test Formats
1. Water - Version 9
   - Owning Lab: Chemical Lab
   - IA Type: None
   - Metric/English Code: Both
   - Sample/Test Remarks:

2. Water for Concrete Test (Metric) - Version 2
   - Owning Lab: Physical Lab
   - IA Type: None
   - Metric/English Code: Metric
   - Sample/Test Remarks:
## Water for Concrete

### General
- **Group:** Concrete
- **Status:** History
- **Version:** 1.00
- **From Date:** 08/29/1997   **To Date:** 12/11/1999

- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
<th>Alt ID Matching</th>
<th>(None)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
</tbody>
</table>
| Field Inspection | N/A | Small Quantity  |  | Sample and test only if not form a municipal water supply; Prepayment Invoice Required; Pay Adj Required

### Certification
- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)

- **M&T 913 Report (Steel)**

### Testing Requirements
- **Sample Comment:** Once per project
- **Technician Certifications:** (None)

### Test Formats

1. **Water - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

2. **Water for Concrete Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 08/29/1997   **Performed By:** dgreene
**Check In:** Archive data come from Minimum Sampling Guide on v3.0   **Comment:** Production db
# Water for Concrete

## General
- **Group:** Concrete
- **Status:** Expired
- **How Received:** Not Received
- **Version:** 2.00
- **Metric/English:** English
- **Facility Type:** None
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

## Methods of Acceptance
- **Pretest:** Optional
- **Alt ID Matching:** No Match
- **Sample/Test:** Required
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** Yes
- **Other Reports:** See Section 1024-4 for specifications.

## Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- □ M&T 913 Report (Steel)

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One sample in a 1 gal. plastic container.
- **Technician Certifications:** None

## Test Formats

1. **Water - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Water for Concrete Test - Version 6**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  **Performed By:** v5conv

**Check In:** Archive data come from Minimum Sampling Guide on v3.0  **Comment:** Production db
Water for Concrete

General

Group: Concrete
How Received: Not Received
Metric/English: English
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Chemical Lab

Status: History
Version: 1.00
From Date: 08/29/1997 To Date: 12/11/1999

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports: Sample and test only if not form a municipal water supply; Prepayment Invoice Required; Pay Adj Required

Testing Requirements

Sample Comment: Once per project
Technician Certifications: (None)

Test Formats

1. Water - Version 9
   - Owning Lab: Chemical Lab
   - Metric/English Code: Both
   - IA Type: None

2. Water for Concrete Test - Version 6
   - Owning Lab: Physical Lab
   - Metric/English Code: English
   - IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 08/29/1997
Performed By: dgreene
Check In: Archive data come from Minimum Sampling Guide on v3.0
Comment: Production db
## Water for Concrete

### General
- **Group:** Concrete
- **Status:** Current
- **Version:** 2.03
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Metrics/English
- **Metric/English:** English

### Facility Type
- **Facility Type:** (None)

### Default Auth Lab
- **Default Auth Lab:** Chemical Lab

### Project Certification
- **Project Certification:** Non-Critical

### MSG Responsibility
- **MSG Responsibility:** Chemical Lab

### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Optional</th>
<th>Certification</th>
<th>N/A</th>
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<tr>
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<td>Type</td>
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<tr>
<td>Sample/Test</td>
<td>Required</td>
<td>Responsibility</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Small Quantity</td>
<td></td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Other Reports</td>
<td>See Section 1024-4 for specifications.</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>999,999.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample in a 1 gal. plastic container.

**Technician Certifications:** (None)

### Test Formats

1. **Water - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both

2. **Water for Concrete Test - Version 6**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** English

### Notes:
- Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/21/2013
**Performed By:** rpace
**Check In:** NEW MSG 2013
**Comment:**
# Water for Concrete

## General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
<th>Status:</th>
<th>Correcting</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
<td>Not Received</td>
<td>Version:</td>
<td>2.02</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Metric</td>
<td>From Date:</td>
<td>01/01/1999</td>
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<tr>
<td>Facility Type:</td>
<td>(None)</td>
<td>To Date:</td>
<td>12/31/2075</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Chemical Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest:</th>
<th>Optional</th>
<th>Certification:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching:</td>
<td>No Match</td>
<td>Type</td>
<td>Responsibility</td>
</tr>
<tr>
<td>Sample/Test:</td>
<td>Required</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Approved List:</td>
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<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Visual Inspection:</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Catalog Cut:</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>Field Inspection:</td>
<td>N/A</td>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Small Quantity:** No Match
- **Other Reports:** See Section 1024-4 for specifications.

## Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance</td>
<td>375,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample in a 4 liter plastic container.

**Technician Certifications:** (None)

### Test Formats

1. **Water - Version 9**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

2. **Water for Concrete Test (Metric) - Version 2**
   - **Owning Lab:** Physical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012
**Performed By:** dimiller
**Check In Comment:**
Waterproofing and Dampproofing Materials

General

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Asphalt</td>
</tr>
<tr>
<td>How Received</td>
<td>Material Receipt</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Metric</td>
</tr>
<tr>
<td>Facility Type</td>
<td>(None)</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility</td>
<td>Chemical Lab</td>
</tr>
</tbody>
</table>

Methods of Acceptance

<table>
<thead>
<tr>
<th>Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
<td>N/A</td>
</tr>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
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<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Small Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Reports</td>
<td>Prepayment Invoice Required; Pay Adj Required</td>
</tr>
</tbody>
</table>

Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Required Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer's Certification</td>
<td>M&amp;T  RE  Both</td>
</tr>
<tr>
<td>M&amp;T 913 Report (Steel)</td>
<td>M&amp;T  RE  Both</td>
</tr>
</tbody>
</table>

Testing Requirements

| Sample Comment:                   |                           |
| Technician Certifications:        | (None)                    |

Test Formats

1. Emulsified Asphalt - Version 14

| Owning Lab                       | Asphalt Lab               |
| IA Type                           | None                      |
| Metric/English Code               | Both                      |
| Sample/Test Remarks:              |                           |

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Waterproofing and Dampproofing Materials

General

- **Group:** Asphalt
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Chemical Lab

**Status:** History

**Version:** 1.00

**From Date:** 03/27/1997  
**To Date:** 12/11/1999

Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required; Pay Adj Required

Testing Requirements

- **Sample Comment:**

**Technician Certifications:** (None)

Test Formats

1. Emulsified Asphalt - Version 14

- **Owning Lab:** Asphalt Lab
- **IA Type:** None

**Metric/English Code:** Both

**Sample/Test Remarks:**

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
Waterproofing and Dampproofing Materials (Asphaltic)

**General**

- **Group:** Asphalt
- **Status:** History
- **How Received:** Not Received
- **Version:** 2.01
- **From Date:** 04/19/2004
- **To Date:** 09/23/2006
- **Metric/English:** Metric
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:**
- **Other Reports:** See 1020-9 for specifications.

**Certification**

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>3: Manufacturer's Certification</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
<tr>
<td>(None)</td>
<td>M&amp;T RE Both</td>
</tr>
</tbody>
</table>

- **Certification:** Required
- **Responsibility:** M&T 913 Report (Steel)

**Testing Requirements**

- **Test Category:** Verification
- **Sample Frequency:** 18,900.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

**Sample Comment:** One sample in a 2 liter wide mouth plastic container.

**Technician Certifications:** (None)

**Test Formats**

1. Emulsified Asphalt - Version 14

- **Owning Lab:** Asphalt Lab
- **IA Type:** None
- **Metric/English Code:** Both
- **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006

**Performed By:** conv

**Check In:** Waterproofing and Dampproofing Materials (Asphaltic)

**Comment:** (Metric) - Changed How Received to Not Received.
### Waterproofing and Dampproofing Materials (Asphaltic)

#### General
- **Group:** Asphalt  
- **Status:** History  
- **How Received:** Not Received  
- **Version:** 2.01  
- **Metric/English:** English  
- **From Date:** 04/19/2004  
- **To Date:** 09/23/2006  
- **Project Certification:** Minor  
- **MSG Responsibility:** Field Section

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>(None)</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>Optional</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
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<tr>
<td>Catalog Cut</td>
<td>Required</td>
</tr>
<tr>
<td>Field Inspection</td>
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</tr>
<tr>
<td>Small Quantity</td>
<td></td>
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<tr>
<td>Other Reports</td>
<td>See 1020-9 for specifications.</td>
</tr>
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</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
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<tbody>
<tr>
<td>Verification</td>
<td>5,000.00</td>
<td>Project Personnel</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

- **Sample Comment:** One sample in a 1/2 gal. wide mouth plastic container.
- **Technician Certifications:** (None)

#### Test Formats

1. Emulsified Asphalt - Version 14
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Waterproofing and Dampproofing Materials (Asphaltic)  
**Comment:** (English) - Changed How Received to Not Received.
# Waterproofing and Dampproofing Materials (Asphaltic)

## General

**Group:** Asphalt  
**Status:** Current  
**Version:** 3.00  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

**Facility Type:** (None)  
**Default Auth Lab:** Chemical Lab  
**Project Certification:** Minor  
**MSG Responsibility:** Field Section

## Methods of Acceptance

**Pretest:** N/A  
**Alt ID Matching:** (None)  
**Sample/Test:** Optional  
**Approved List:** N/A  
**Visual Inspection:** N/A  
**Catalog Cut:** Required  
**Field Inspection:** N/A  
**Small Quantity:**  

**Other Reports:** See 1020-9 for specifications.

### Certification

- **Type:** Required  
- **Responsibility:**  
  - 3: Manufacturer's Certification  
    - (None)  
    - M&T  
    - RE  
    - Both

- M&T 913 Report (Steel)

## Testing Requirements

**Test Category**  
**Sample Frequency:** 18,900.00  
**Sampling Responsibility:** Project Personnel  
**Testing Responsibility:** M&T Lab

**Sample Comment:** One sample in a 2 liter wide mouth plastic container.

**Technician Certifications:** (None)

## Test Formats

1. Emulsified Asphalt  
   - Version 14

   **Owning Lab:** Asphalt Lab  
   **IA Type:** None  
   **Metric/English Code:** Both  
   **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/01/1999  
**Performed By:** fmoody

**Check In:** Waterproofing and Dampproofing Materials (Asphaltic)  
**Comment:** (Metric) - Changed How Received to Not Received.
Waterproofing and Dampproofing Materials (Asphaltic)

General
Group: Asphalt
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 2.00
From Date: 04/14/2004  To Date: 04/14/2004

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: See 1020-9 for specifications.

Certification: Required
Type: 3: Manufacturer's Certification
Responsibility
○ M&T ○ RE ○ Both
(Non) ○ M&T ○ RE ○ Both
(Non) ○ M&T ○ RE ○ Both

☐ M&T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
Verification | 18,900.00 | Project Personnel | M&T Lab

Sample Comment: One sample in a 2 liter wide mouth plastic container.

Technical Certifications: (None)

Test Formats
1. Emulsified Asphalt - Version 14
   
   Owner Lab: Asphalt Lab
   IA Type: None

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Waterproofing and Dampproofing Materials (Asphaltic)

### General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Asphalt</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Received:</td>
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<td>English</td>
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<tr>
<td>Facility Type:</td>
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<td>Default Auth Lab:</td>
<td>Chemical Lab</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Non-Critical</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

**Status:** Current  
**Version:** 3.02  
**From Date:** 01/01/1999  
**To Date:** 12/31/2075

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** [ ]

**Certification:** Required  
**Type:**  
- 3: Manufacturer's Certification  
  - (None)
  - (None)

### Testing Requirements

**Test Category**  
**Sample Frequency:** 5,000.00  
**Sampling Responsibility:** Project Personnel  
**Testing Responsibility:** M&T Lab

**Sample Comment:** One sample in a 1/2 gal. wide mouth plastic container.

**Technician Certifications:** (None)

### Test Formats

1. Emulsified Asphalt - Version 14
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/20/2013  
**Performed By:** rpace  
**Check In:** NEW MSG 2013  
**Comment:**
Waterproofing and Dampproofing Materials (Asphaltic)

General

Group: Asphalt

How Received: Not Received

Metric/English: English

Facility Type: (None)

Default Auth Lab: Chemical Lab

Project Certification: Minor

MSG Responsibility: Field Section

Status: Expired

Version: 3.00

From Date: 01/01/1999

To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A

Alt ID Matching: (None)

Sample/Test: Optional

Approved List: N/A

Visual Inspection: N/A

Catalog Cut: Required

Field Inspection: N/A

Small Quantity: 

Other Reports: See 1020-9 for specifications.

Certification: Required

Responsibility

Type

3: Manufacturer's Certification

- M&T
- RE
- Both

Sample/Test Remarks:

- M&T 913 Report (Steel)

Testing Requirements

Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 5,000.00 | Project Personnel | M&T Lab

Sample Comment: One sample in a 1/2 gal. wide mouth plastic container.

Technician Certifications: (None)

Test Formats

1. Emulsified Asphalt - Version 14

Owning Lab: Asphalt Lab

IA Type: None

Metric/English Code: Both

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999

Performed By: fmoody

Check In: Waterproofing and Dampproofing Materials (Asphaltic)

Comment: (English) - Changed How Received to Not Received.
### Waterproofing and Dampproofing Materials (Asphaltic)

#### General
- **Group:** Asphalt
- **Status:** History
- **Version:** 2.00
- **From Date:** 04/14/2004
- **To Date:** 04/14/2004

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** See 1020-9 for specifications.

#### Certification:
- **Type:** Required
- **Responsibility:**
  - 3: Manufacturer's Certification
    - (None)
    - M&T
    - RE
    - Both
  - (None)
  - M&T
  - RE
  - Both
  - M&T
  - RE
  - Both
  - [ ] M&T 913 Report (Steel)

#### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 5,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

#### Sample Comment:
One sample in a 1/2 gal. wide mouth plastic container.

#### Technician Certifications:
(None)

#### Test Formats
1. Emulsified Asphalt - Version 14
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 04/14/2004  
**Performed By:** fmoody

**Check In:** Waterproofing & Dampproofing Materials (Asphaltic)  
**Comment:** English - Changed Catalog Cuts to Required.
### Waterproofing and Dampproofing Materials (Asphaltic)

#### General
- **Group:** Asphalt
- **Status:** Expired
- **Version:** 3.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Metric/English:** English
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** See 1020-9 for specifications.

#### Testing Requirements
- **Test Category:** Verification
- **Sample Frequency:** 5,000.00
- **Sampling Responsibility:** Project Personnel
- **Testing Responsibility:** M&T Lab

#### Sample Comment:
One sample in a 1/2 gal. wide mouth plastic container.

#### Technician Certifications:
- (None)

#### Test Formats
1. **Emulsified Asphalt - Version 14**
   - **Owning Lab:** Asphalt Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/20/2013
**Performed By:** rpace
**Check In:** NEW MSG 2013
**Comment:**
Waterproofing and Dampproofing Materials (Plank & Fabric)

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: English
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Non-Critical
MSG Responsibility: Structural Members

Status: Current
Version: 3.01
From Date: 01/01/1999 To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: □
Other Reports: Prepayment Invoice Required

Testing Requirements

Sample Comment:

Technician Certifications: (None)

Certification: Required

Responsibility

Type

6: Supplier's Certification
(None)
(Both)

□ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013
Performed By: rpace
Check In: NEW 2013 MSG
Comment:
Waterproofing and Dampproofing Materials (Plank & Fabric)

General

Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Structural Members

Status: Current
Version: 3.00
From Date: 01/01/1999  To Date: 12/31/2075

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: No
Other Reports: Prepayment Invoice Required

Certification: Required
Type
6: Supplier's Certification
   (None)
   (None)
   [ ] M&T 913 Report (Steel)

Responsibility
   M&T  RE  Both
   M&T  RE  Both
   M&T  RE  Both
   [ ] M&T  RE  Both

Testing Requirements

Sample Comment: Plank: One sample at 1 meter in length.
Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999  Performed By: fmoody
Check In  Waterproofing and Dampproofing Materials (Plank & Fabric) (Metric) - Changed How Received to Not Received.
Waterproofing and Dampproofing Materials (Plank & Fabric)

General

Group: Miscellaneous
How Received: Material Receipt
Metric/English: Metric
Facility Type: (None)
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Structural Members

Methods of Acceptance

Pretest: N/A
Alt ID Matching: (None)
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: Required
Field Inspection: N/A
Small Quantity: 
Other Reports: Prepayment Invoice Required

Certification: Required

Type

Responsibility

6: Supplier's Certification

M&T RE Both

M&T RE Both

M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: Plank: One sample at 1 meter in length.

Technician Certifications: (None)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 04/14/2004
Check In: Waterproofing and Dampproofing Materials (Plank & Fabric) Metric - Changed Catalog Cuts to Required.
Performed By: fmoody
Comment: Fabric Metric - Changed Catalog Cuts to Required.
## Waterproofing and Dampproofing Materials (Plank & Fabric)

### General
- **Group:** Miscellaneous
- **Status:** History
- **Version:** 1.00
- **From Date:** 01/03/2000
- **To Date:** 01/03/2000
- **Field Section:** Metric
- **History:**

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** 
- **Other Reports:** Prepayment Invoice Required

### Certification
- **Required Type**
- **Responsibility**
  - 6: Supplier's Certification
  - (None)

### Testing Requirements
- **Sample Comment:** Plank: One sample at 1 meter in length.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 01/03/2000

**Performed By:** rpace

**Check In:** Filled in Sampling Resp. and Testing Resp. field.

**Comment:**
## Waterproofing and Dampproofing Materials (Plank & Fabric)

### General

- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members
- **Status:** Expired
- **Version:** 3.00
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075

### Methods of Acceptance

- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** No
- **Other Reports:** Prepayment Invoice Required

### Certification

<table>
<thead>
<tr>
<th>Type</th>
<th>Responsibility</th>
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<tbody>
<tr>
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</tr>
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</tr>
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</tr>
</tbody>
</table>

- **Certificate:** M&T 913 Report (Steel)

### Testing Requirements

- **Sample Comment:** Plank: One 36 inch long sample
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.
## Waterproofing and Dampproofing Materials (Plank & Fabric)

### General
- **Group:** Miscellaneous
- **How Received:** Material Receipt
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:** Prepayment Invoice Required

### Testing Requirements
- **Sample Comment:** Plank: One 36 inch long sample
- **Technician Certifications:** (None)

### Certification

<table>
<thead>
<tr>
<th>Certification</th>
<th>Type</th>
<th>Responsibility</th>
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<tr>
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<td>M &amp; T</td>
<td>RE</td>
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</tbody>
</table>

- **Certification:** Required
- **Responsibility:** M & T

### Note:
Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

### Action Date:
04/14/2004

### Performed By:
fmoodly

### Check In:
Waterproofing and Dampproofing Materials (Plank & Fabric) English - Changed Catalog Cuts to Required.
Waterproofing and Dampproofing Materials (Plank & Fabric)

General
- Group: Miscellaneous
- How Received: Material Receipt
- Metric/English: English
- Facility Type: (None)
- Default Auth Lab: Field Section
- Project Certification: Minor
- MSG Responsibility: Structural Members

Status: History
Version: 1.00
From Date: 01/03/2000  To Date: 01/03/2000

Methods of Acceptance
- Pretest: N/A
- Alt ID Matching: (None)
- Sample/Test: N/A
- Approved List: N/A
- Visual Inspection: N/A
- Catalog Cut: N/A
- Field Inspection: N/A
- Small Quantity: [ ]
- Other Reports: Prepayment Invoice Required

Testing Requirements
- Sample Comment: Plank: One 36 inch long sample
- Technician Certifications: (None)

Certification: Required
Type
- 6: Supplier's Certification
  - (None)

Responsibility
- M&T
- RE
- Both

☐ M&T 913 Report (Steel)

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/03/2000  Performed By: rpace
Check In  Filled in Sampling Resp. and Testing Resp. field.
Comment:
## Waterproofing and Dampproofing Materials (Plank & Fabric)

### General
- **Group:** Miscellaneous  
- **How Received:** Material Receipt  
- **Metric/English:** Metric  
- **Facility Type:** (None)  
- **Default Auth Lab:** Field Section  
- **Project Certification:** Non-Critical  
- **MSG Responsibility:** Structural Members  

### Status
- **Version:** 3.01  
- **From Date:** 01/01/1999  
- **To Date:** 12/31/2075  

### Methods of Acceptance
- **Pretest:** N/A  
- **Alt ID Matching:** (None)  
- **Sample/Test:** N/A  
- **Approved List:** N/A  
- **Visual Inspection:** N/A  
- **Catalog Cut:** Required  
- **Field Inspection:** N/A  
- **Small Quantity:**  
- **Other Reports:** Prepayment Invoice Required  

### Certification
- **Type:** Required  
- **Responsibility:** 
  - 6: Supplier's Certification
    - (None)
    - (None)

### M&T 913 Report (Steel)
- ☑  

### Testing Requirements
- **Sample Comment:** Plank: One sample at 1 meter in length.  
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012  
**Performed By:** dimiller  
**Check In:**  
**Comment:**
# Waterproofing and Dampproofing Materials (Plank & Fabric)

## General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Metric
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

## Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** [ ]
- **Other Reports:** Prepayment Invoice Required

### Certification:
- **Type:** Required
- **Responsibility**
  - 6: Supplier's Certification
  - (None)

### Water Testing
- [ ] M&T 913 Report (Steel)

## Testing Requirements
- **Sample Comment:** Plank: One sample at 1 meter in length.
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Waterproofing and Dampproofing Materials (Plank & Fabric) (Metric) - Changed How Received to Not Received.
### Waterproofing and Dampproofing Materials (Plank & Fabric)

**General**
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Structural Members

**Status:** History  
**Version:** 2.01  
**From Date:** 04/19/2004  
**To Date:** 09/23/2006

**Methods of Acceptance**
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** N/A
- **Approved List:** N/A
- **Visual Inspection:** N/A
- **Catalog Cut:** Required
- **Field Inspection:** N/A
- **Small Quantity:** ☐
- **Other Reports:** Prepayment Invoice Required

**Certification:** Required  
**Type**  
6: Supplier's Certification  
(Option)  
(Option)

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</tr>
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</tr>
</tbody>
</table>

☐ M&T 913 Report (Steel)

**Testing Requirements**
- **Sample Comment:** Plank: One 36 inch long sample
- **Technician Certifications:** (None)

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 11/15/2006  
**Performed By:** conv  
**Check In:** Waterproofing and Dampproofing Materials (Plank & Fabric) (English) - Changed How Received to Not
### Zinc

**General**

- **Group:** Miscellaneous
- **Status:** Expired
- **Version:** 2.01
- **From Date:** 01/01/1999  To Date: 12/31/2075
- **How Received:** Not Received
- **Metric/English:** English
- **Facility Type:** Guardrail
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Non-Critical
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt ID Matching</td>
<td>No Match</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved List</td>
<td>N/A</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Catalog Cut</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Inspection</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Certification:**

- **Type:** N/A
- **Responsibility:**
  - (None)
  - (None)
  - (None)

- **M&T 913 Report (Steel)**

**Testing Requirements**

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**

One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

**Technician Certifications:** (None)

**Test Formats**

1. Zinc Alloy - Version 12

   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Both
   - **Sample/Test Remarks:**

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 02/14/2013

Performed By: rpace

Check In: NEW 2013 MSG

Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Zinc

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: Current
Version: 2.00
From Date: 01/01/1999
To Date: 12/31/2075

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

Sample Comment: One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.
Technician Certifications: (None)

Test Formats
1. Zinc Alloy - Version 12

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v5conv
Check In: Filled in Sampling Resp. and Testing Resp. field.
Comment:
North Carolina Department of Transportation
Minimum Sampling Guide

Zinc

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 1.00
From Date: 01/03/2000 To Date: 01/03/2000

Methods of Acceptance

| Pretest: | Required |
| Alt ID Matching: | No Match |
| Sample/Test: | N/A |
| Approved List: | N/A |
| Visual Inspection: | N/A |
| Catalog Cut: | N/A |
| Field Inspection: | N/A |
| Small Quantity: | |

Testing Requirements
Sample Comment: One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

Technician Certifications: (None)

Test Formats
1. Zinc Alloy - Version 12

| Certification: N/A |
| Type |
| Responsibility |
| (None) |

Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/03/2000
Performed By: rpace
Check In: Filled in Sampling Resp. and Testing Resp. field.
Comment:
Zinc

General
Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Certification: N/A

Responsibility
(Blank)

M & T 913 Report (Steel)

Testing Requirements
Test Category | Sample Frequency | Sampling Responsibility | Testing Responsibility
--- | --- | --- | ---
Verification | 999,999.00 | M&T Field | M&T Lab

Sample Comment: One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

Technician Certifications: (None)

Test Formats
1. Zinc Alloy - Version 12

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/01/1999
Performed By: v6conv
Check In: Filled in Sampling Resp. and Testing Resp. field.
Comment:
Zinc

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: No

Certification: N/A
Type
(Non) M&T RE Both
Responsibility
(Non) M&T RE Both
(Non) M&T RE Both

M&T 913 Report (Steel)

Testing Requirements

Sample Comment: One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

Technician Certifications: None

Test Formats

1. Zinc Alloy - Version 12

Owning Lab: Chemical Lab
IA Type: None
Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 01/03/2000
Performed By: rpace
Check In: Filled in Sampling Resp. and Testing Resp. field.
Comment:
Zinc

General
Group: Miscellaneous
How Received: Not Received
Metric/English: Metric
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status:
Version: 1.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance
Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: N/A
Responsibility
Type
(Non) ○ M&T ○ RE ○ Both
(Non) ○ M&T ○ RE ○ Both
(Non) ○ M&T ○ RE ○ Both

M&T 913 Report (Steel)

Testing Requirements
Sample Comment: One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

Technician Certifications: (None)

Test Formats
1. Zinc Alloy - Version 12

Owning Lab: Chemical Lab
IA Type: None

Metric/English Code: Both
Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006
Performed By: conv
Check In: Filled in Sampling Resp. and Testing Resp. field.
Comment:
Zinc

General

Group: Miscellaneous
How Received: Not Received
Metric/English: English
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Minor
MSG Responsibility: Field Section

Status: History
Version: 1.01
From Date: 06/28/2001 To Date: 09/23/2006

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 

Other Reports:

Testing Requirements

Sample Comment: One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

Technician Certifications: (None)

Test Formats

1. Zinc Alloy - Version 12
   
   Owning Lab: Chemical Lab
   Metric/English Code: Both
   IA Type: None

   Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 11/15/2006 Perform By: conv
Check In: Filled in Sampling Resp. and Testing Resp. field.
Comment:
### Zinc

#### General

<table>
<thead>
<tr>
<th>Group</th>
<th>Status</th>
<th>Version</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paints and Coatings</td>
<td>Current</td>
<td>2.03</td>
<td>01/01/1999</td>
<td>12/31/2075</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Metric/English</th>
<th>How Received</th>
<th>Project Certification</th>
<th>MSG Responsibility</th>
<th>Default Auth Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>(None)</td>
<td>English</td>
<td>Not Received</td>
<td>Non-Critical</td>
<td>Field Section</td>
<td>Chemical Lab</td>
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</table>

#### Methods of Acceptance

<table>
<thead>
<tr>
<th>Pretest</th>
<th>Alt ID Matching</th>
<th>Sample/Test</th>
<th>Approved List</th>
<th>Visual Inspection</th>
<th>Catalog Cut</th>
<th>Field Inspection</th>
<th>Small Quantity</th>
<th>Other Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>No Match</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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#### Certification

<table>
<thead>
<tr>
<th>Certification</th>
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<th>Type</th>
<th>Responsibility</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(None)</td>
<td>M&amp;T  ○ RE ○ Both</td>
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</tbody>
</table>

#### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:**
One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

**Technician Certifications:** (None)

#### Test Formats

1. Zinc Alloy - Version 12

<table>
<thead>
<tr>
<th>Owning Lab</th>
<th>Metric/English Code</th>
<th>Sample/Test Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Lab</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>IA Type</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

---

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 09/02/2016
Performed By: bhunter
Check In: Had to remove facility source from Guardrail to None so it can be entered for a metal pipe facility.
Comment:
Zinc

General

Group: Paints and Coatings  Status: Expired
How Received: Not Received  Version: 2.02
Metric/English: English  From Date: 01/01/1999  To Date: 12/31/2075
Facility Type: Guardrail
Default Auth Lab: Chemical Lab
Project Certification: Non-Critical
MSG Responsibility: Field Section

Methods of Acceptance

Pretest: Required
Alt ID Matching: No Match
Sample/Test: N/A
Approved List: N/A
Visual Inspection: N/A
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity: 
Other Reports:

Certification: N/A
Type
(All)

Responsibility
○ M&T  ○ RE  ○ Both

○ M&T  ○ RE  ○ Both

○ M&T  ○ RE  ○ Both

☐ M&T 913 Report (Steel)

Testing Requirements

Test Category  Sample Frequency  Sampling Responsibility  Testing Responsibility
Verification  999,999.00  M&T Field  M&T Lab

Sample Comment: One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

Technician Certifications: (None)

Test Formats

1. Zinc Alloy - Version 12

Owning Lab: Chemical Lab  Metric/English Code: Both
IA Type: None  Sample/Test Remarks:

Note: Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

Action Date: 03/21/2013  Performed By: rpace
Check In: NEW MSG 2013
Comment:
## Zinc

### General
- **Group:** Miscellaneous
- **Status:** Correcting
- **Version:** 2.01
- **From Date:** 01/01/1999
- **To Date:** 12/31/2075
- **Facility Type:** Guardrail
- **Default Auth Lab:** Chemical Lab
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

### Methods of Acceptance
- **Pretest:** Required
- **Alt ID Matching:** No Match
- **Sample/Test:** N/A
- **Sample/Test Type:** N/A
- **Sample/Test Remarks:** None
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** No

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
</tr>
</tbody>
</table>

**Sample Comment:** One sample per Plant inspection or minimum of one sample per year from each approved supplier on the Brand Certification Program.

### Technician Certifications
- (None)

### Test Formats
1. **Zinc Alloy - Version 12**

<table>
<thead>
<tr>
<th>Owning Lab:</th>
<th>Metric/English Code:</th>
<th>Sample/Test Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Lab</td>
<td>Both</td>
<td></td>
</tr>
<tr>
<td>IA Type: None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 02/22/2012

**Performed By:** dimiller

**Check In**

**Comment:** 
### Zinc Coating Check

#### General
- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** Guardrail
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

- **Status:** Archive
- **Version:** 4.00
- **From Date:** 07/07/2012
- **To Date:** 07/07/2012

#### Methods of Acceptance
- **Pretest:** N/A
- **Alt ID Matching:** (None)
- **Sample/Test:** Optional
- **Approved List:** N/A
- **Visual Inspection:** Required
- **Catalog Cut:** N/A
- **Field Inspection:** N/A
- **Small Quantity:** □
- **Other Reports:**

#### Certification:
- **Type:** N/A
- **Responsibility**
  - (None)
  - (None)
  - (None)

#### Testing Requirements

- **Test Category** | **Sample Frequency** | **Sampling Responsibility** | **Testing Responsibility**
  - Verification | 999,999.00 | M&T Field | M&T Lab

- **Sample Comment:**

- **Technician Certifications:** (None)

#### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Action Date:** 07/06/2012  
**Performed By:** rpace  
**Check In:** rkp; [ARCHIVE] rkp  
**Comment:**
# Zinc Coating Check

## General

<table>
<thead>
<tr>
<th>Group:</th>
<th>Miscellaneous</th>
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<tbody>
<tr>
<td>How Received:</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English:</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type:</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Default Auth Lab:</td>
<td>Field Section</td>
</tr>
<tr>
<td>Project Certification:</td>
<td>Minor</td>
</tr>
<tr>
<td>MSG Responsibility:</td>
<td>Field Section</td>
</tr>
</tbody>
</table>

### Methods of Acceptance

| Pretest:        | N/A                     |
| Alt ID Matching:| (None)                  |
| Sample/Test:    | Optional                |
| Approved List:  | N/A                     |
| Visual Inspection: | Required            |
| Catalog Cut:    | N/A                     |
| Field Inspection: | N/A                    |
| Small Quantity: |                       |

### Certification

<table>
<thead>
<tr>
<th>Certification:</th>
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### Responsibility

<table>
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<tr>
<th>Type</th>
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<td>M&amp;T</td>
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- (None)

### Testing Requirements

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Sample Frequency</th>
<th>Sampling Responsibility</th>
<th>Testing Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification</td>
<td>999,999.00</td>
<td>M&amp;T Field</td>
<td>M&amp;T Lab</td>
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</tbody>
</table>

**Sample Comment:**

- Technician Certifications: (None)

**Test Formats**

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

### Action Date: 01/01/1999

**Performed By:** v6conv

**Check In:** Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.

**Comment:** bags.
## Zinc Coating Check

### General

<table>
<thead>
<tr>
<th>Field Section</th>
<th>Facility Type</th>
<th>MSG Responsibility</th>
<th>How Received</th>
<th>Metric/English</th>
<th>Project Certification</th>
<th>Group</th>
<th>Status</th>
<th>Version</th>
<th>From Date</th>
<th>To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Section</td>
<td>Guardrail</td>
<td>Not Received</td>
<td>Miscellaneous</td>
<td>Both</td>
<td>Minor</td>
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<td>History</td>
<td>2.00</td>
<td>01/03/2000</td>
<td>01/21/2000</td>
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</table>

### Methods of Acceptance

| Pretest          | N/A                              |
| Alt ID Matching  | (None)                           |
| Sample/Test      | Optional                         |
| Approved List    | N/A                              |
| Visual Inspection| Required                         |
| Catalog Cut      | N/A                              |
| Field Inspection | N/A                              |
| Small Quantity   |                                  |
| Other Reports    |                                  |

### Testing Requirements

| Technician Certifications | (None) |

### Test Formats

1. **Galvanized Metals - Version 6**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric) - Version 5**
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Action Date:** 01/03/2000 **Performed By:** rpace

**Check In:** Changed from one sample per 20 bags to one per 50 bags. Talked with Owen cordle and he agreed.
## Zinc Coating Check

**General**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Group</td>
<td>Miscellaneous</td>
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<tr>
<td>How Received</td>
<td>Not Received</td>
</tr>
<tr>
<td>Metric/English</td>
<td>Both</td>
</tr>
<tr>
<td>Facility Type</td>
<td>Guardrail</td>
</tr>
<tr>
<td>Default Auth Lab</td>
<td>Chemical Lab</td>
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<tr>
<td>Project Certification</td>
<td>Minor</td>
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<td>MSG Responsibility</td>
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<td>Status</td>
<td>History</td>
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<tr>
<td>To Date</td>
<td>12/11/1999</td>
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**Methods of Acceptance**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pretest</td>
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</tr>
<tr>
<td>Alt ID Matching</td>
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<td>Visual Inspection</td>
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<td>Catalog Cut</td>
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<td>Small Quantity</td>
<td></td>
</tr>
<tr>
<td>Other Reports</td>
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</table>

**Testing Requirements**

**Sample Comment:**

**Technician Certifications:** (None)

**Test Formats**

1. **Galvanized Metals** - Version 6
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** English
   - **Sample/Test Remarks:**

2. **Galvanized Metals (Metric)** - Version 5
   - **Owning Lab:** Chemical Lab
   - **IA Type:** None
   - **Metric/English Code:** Metric
   - **Sample/Test Remarks:**

---

**Note:** Although Visual Inspection is not the primary method of acceptance, a visual inspection is always required. The material may not be accepted if it fails a visual inspection.

**Action Date:** 03/10/1998  
**Performed By:** twhittington  
**Check In:** Archive data come from Minimum Sampling Guide on v3.0  
**Comment:** Production db
Zinc Coating Check

General
Group: Miscellaneous  Status: History
How Received: Not Received  Version: 2.01
Metric/English: Both  From Date: 06/28/2001  To Date: 09/23/2006
Facility Type: Guardrail
Default Auth Lab: Field Section
Project Certification: Minor
MSG Responsibility: Field Section

Methods of Acceptance
Pretest: N/A
Alt ID Matching: (None)
Sample/Test: Optional
Approved List: N/A
Visual Inspection: Required
Catalog Cut: N/A
Field Inspection: N/A
Small Quantity:  
Other Reports:  

Certification: N/A  Responsibility: Both
Type  M & T  RE  Both
(None)  M & T  RE  Both
(None)  M & T  RE  Both
( ) M & T 913 Report (Steel)

Testing Requirements
Sample Comment:  
Technician Certifications: (None)

Test Formats
1. Galvanized Metals - Version 6
   Owning Lab: Chemical Lab  Metric/English Code: English
   IA Type: None  Sample/Test Remarks:

2. Galvanized Metals (Metric) - Version 5
   Owning Lab: Chemical Lab  Metric/English Code: Metric
   IA Type: None  Sample/Test Remarks:

Action Date: 11/15/2006  Performed By: conv
Check In: Changed from one sample per 20 bags to one per 50
Comment: bags. Talked with Owen cordle and he agreed.
**General**

- **Group:** Miscellaneous
- **How Received:** Not Received
- **Metric/English:** Both
- **Facility Type:** (None)
- **Default Auth Lab:** Field Section
- **Project Certification:** Minor
- **MSG Responsibility:** Field Section

**Methods of Acceptance**

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<td>Small Quantity</td>
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**Testing Requirements**

- **Sample Comment:**
- **Technician Certifications:** (None)

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**Certification:** M&T 913 Report (Steel)

- **From Date:** 12/17/2004
- **To Date:** 12/31/2075
- **Version:** 1.00
- **Status:** Archive

**Comment:** Changed 3000 tons to 9999999's to agree with Metric ver.