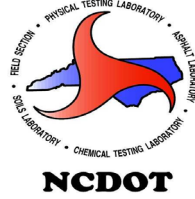


Materials & Tests Unit



2024 Precast Concrete Annual Facility Audit Checklist

Date: Click or tap to enter a date.

M&T Technician: _____ Division: Choose an item. NCDOT ID: Choose an item.

Producer: Choose an item. On-site representative: _____

Self-Consolidating Concrete (SCC)

Is SCC Utilized in all production of NCDOT products? Yes No (if no explain)

Comments:

The following are to be verified by marking Pass, Fail or N/A. Document the date where indicated.

Pass	Fail	N/A	Documentation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3rd party facility certificate (must be active and on-site) 3rd party facility expiration date: Click or tap to enter a date.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3rd party inspection report (must be complete and on-site) NPCA <input type="checkbox"/> ACPA <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Facility manager is sending all inspection documentation to M&T (check Vendor for Inspection notes or SharePoint)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NCDOT approved mix designs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NCDOT certified Concrete Field Technician
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NCDOT certified Concrete Batch Technician
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ready Mix facility providing Ready Mix is on approved list (if applicable)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approved materials (cement, fly ash, aggregate, admixtures) per approved mix designs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bill of Lading format for shipped pieces with RFID identification
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cylinder testing machine (on site) Calibration date: Click or tap to enter a date.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Associated NCDOT documentation is verified to meet specs & policies
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Forms/formwork is verified to meet specs & policies

Portland Cement Concrete Composition

SAMPLE	SAMPLE TAKEN FROM	HiCAMS #	COMMENTS	Pass	Fail
Cement	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Pozzolan	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Water	Plant		Source: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Admixture	N/A		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Admixture	N/A		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Admixture	N/A		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Admixture	N/A		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Aggregates (coarse)	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Aggregate (coarse)	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Aggregates (fine)	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Aggregate (fine)	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>

Reinforcing Steel

SAMPLE	SAMPLE TAKEN FROM	HiCAMS #	COMMENTS	Pass	Fail
Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>

Steel Bar	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Prestress Strand	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Prestress Strand	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Prestress Strand	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Prestress Strand	Plant		Producer: _____ Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>
Wire Mesh	Plant		Producer: _____ Plain Wire <input type="checkbox"/> Deformed Wire <input type="checkbox"/> Material: Choose an item.	<input type="checkbox"/>	<input type="checkbox"/>

Absorption Testing

SAMPLE	SAMPLE TAKEN FROM	HiCAMS #	COMMENTS	Pass	Fail
Core	Plant		Producer: _____ Mix: _____	<input type="checkbox"/>	<input type="checkbox"/>
Core	Plant		Producer: _____ Mix: _____	<input type="checkbox"/>	<input type="checkbox"/>
Core	Plant		Producer: _____ Mix: _____	<input type="checkbox"/>	<input type="checkbox"/>

Personnel

Any personnel involved in the QC testing of the product must have a current NCDOT Field Testing Technician certification. Any personnel involved in the batching operations at the plant must have a current NCDOT Batch Technician Certification. List all Field Testing, and Batch Technicians below:

NCDOT CONCRETE FIELD TECHNICIAN (PCT)

Name	NCDOT Certification Number	NCDOT Certification Expiration Date
		Click or tap to enter a date.
		Click or tap to enter a date.
		Click or tap to enter a date.

NCDOT CONCRETE BATCH TECHNICIAN (PCB)

Name	NCDOT Certification Number	NCDOT Certification Expiration Date
		Click or tap to enter a date.
		Click or tap to enter a date.
		Click or tap to enter a date.

Audit Comments:

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