

Field Inspection Reports:

Review Corrugated Metal Pipe

Objective

Review Corrugated Metal Pipe Reports Corrugated Metal Pipe sub-module

Access To Review Corrugated Metal Pipe

- Functions Inquiries References Admin Tools Window <u>H</u>elp Contract Setup ۲ Contract Maintenance ۲ Contract Adjustments ۲ Contract Tracking Contract Estimates ۲ Work Order Maintenance ۲ Density ۲ D Field Inspection Reports Review Concrete Pavement Review Field Inspection Reports Independent Assurance ۲ <u>Q</u>A/QC Review Notice of Rejection ۲ Sampling ١ DOH Vendor System...
- **Step 1:** Choose **Field Inspection Reports** from the **Functions** menu in HiCAMS.

Figure 1 - Access to Review Field Inspection Reports

- **Step 2:** To access a NEW Corrugated Metal Pipe Report, click the *Report Name* field and select Corrugated Metal Pipe.
- **Step 3:** Click the **New** button, and the following initial screen for **Corrugated Metal Pipe** is displayed:

de Review Field Inspec	tion Reports							
- Filter								
Contract:		1	м	aterial Type: 🛛 (Al	Ŋ		-	<u>R</u> etrieve
Report Name:	Corrugated Metal	Pipe .	-	nspected By:			*	
Report ID:	(All)	-	Inst	ection Date: 🔟	nn/nnn 🖬			<u>He</u> set
	Concrete Pipe							New
Report Status:	Corrugated Metal	Pipe	Inspe	ction Result: (Al	0		•	
	Guardrail					,	,	
Report Re	Precast Concrete			Inenactor	Inspection	Section	Inspection	Report
Corrunated Metal I	Stay-In-Place			Avers .lav	07/26/2001	18.4	Meets Snecs	In Process
Corrugated Metal I	481	Pipe Culvert, Metal		Avers, Jav	07/26/2001	18.4	Meets Specs	In Process
Corrugated Metal I	489	Pipe Culvert, Metal		Avers, Jay	08/09/2001	18,4	Meets Specs	In Process
						Dete	iils <u>N</u> OR	<u>S</u> ave As

🐡 Review Corrugated Metal Pipe (New)		
Report Name: Corrugated Metal Pipe	Report ID:	Report Status: In Process
Material Type:		
General Results Alt IDs Report History		
Sample From: Project	Test Category: Accepte	ance
Contract:	Work Order: County:	x
Contractor:		
Station: +	Location:	2
PO:	BOL:	
Maint Supervisor:		
Maint Yard:		
Fabricator:		
Search by Plant ID:	Section:	
Producer:		
Inspection Results		
Inspector:	👷 Inspection Re	esult:
Inspection Date: 00/00/0000	Notice of Reject	stion: 📃 🙀
Comment:		

Figure 2 - Review Corrugated Metal Pipe Window

Step 4: To access an <u>existing</u> Corrugated Metal Pipe Report, follow Step 1 above and Double-click the desired report from the list displayed. It is also possible to click the **Details** button after highlighting the desired report.

The **Corrugated Metal Pipe** report details window is displayed as shown in the example below:

Beview Corrugated M	letal Pine (New)				
Benort Name: Corruga	ted Metal Pine	Benort ID:		Benort Status: In Pro	
Material Type: Pipe Co	ulvert, Metal, Accessories - Both				
General D. A. LAND	la dura l				
Sample From:	Project	Test Category:	Acceptance		
Contract:	Work Order:	County:	Alamance		
Contractor:		-			
Station:	212 + 22	Location:	TEST Location		4
P0:	12123	BOL:	23213		
Maint Supervisor:	Joe Bostick				
Maint Yard:	Carolina Maintenance Yard				
Fabricator:	Carolina Fabrications			4	2
Search by Plant ID:		Section:	5 💌		
Producer:	Smith Setzer & Sons, Smith Setzer 8	Sons - C.M. Pipe - MP6		<u> </u>	
Inspection Results	Garbee II. William C	A Inspec	tion Besult:	Spece E	
Inspection Date:	05/01/2001 FA	Notice o	f Bejection:		
Comment:	TEST Comment				

Figure 3 - Initial Review Corrugated Metal Pipe Details (General Tab Window)

Note: To further aid in the retrieval of an EXISTING report, there are filtering functions available in HiCAMS. These filter functions are especially helpful when choosing from a very large listing of reports. See Field Inspection Reports: Overview - Retrieval Tips for all Field Inspection Reports for details using these functions.

General Tab - Review Corrugated Metal Pipe

The valid Material Types available for **Corrugated Metal Pipe** are:

- Pipe Culvert Metal (English, Metric)
- Accessories (Both)
- Pipe Outlets & Drains Metal (English, Metric)
- Pipe Outlets & Drains, Metal, Accessories (Both)

Note: The available material types are derived from the Minimum Sampling Guide that is maintained by the Materials Operations Engineer. To view the Minimum Sampling Guide, select References ^oMinimum Sampling Guide from the HiCAMS toolbar.

The window allows only one Material Type per Report with one or more corresponding Materials.

The upper portion of the window displays the *Report Name*, *Report ID*, *Report Status*, and *Material Type*:

🐡 Review Corrugated M	letal Pipe (New)						
Report Name: Corruga	ated Metal Pipe		Report ID:		Report Status:	In Process	•
Material Type:				-			
General Results Alt IDs	Report History						
Sample From:	Project	•	Test Category:	Acceptance			
Contract:		Work Order:	County:		•		
Contractor:							
Station:	+		Location:				2
PO:			BOL:	[
Maint Supervisor:							
Maint Yard:							
Fabricator:						2	
Search by Plant ID:			Section:				
Producer:							
Inspection Results						_	
Inspector:			👷 Inspe	ction Result:		-	
Inspection Date:	00/00/0000		Notice (of Rejection:			
Comment:						2	

Figure 4 - Corrugated Metal Pipe General Tab Window Fields

Note: The Sample From field is a required field and defaults to "Project" but still allows other choices:

General Results Alt IDs Report History							
Sample From:	Project 💌						
Contract	Belt 🔺						
	Borrow Pit						
Contractor:	Centrifuge						
P0:	Plant 🗕						
Maint Supervisor	Project						
	Railcar 🚽						
Maint Yard							

Figure 5 - Corrugated Metal Pipe Sample from Field

The Testing Category field for Corrugated Metal Pipe reports is *required* and defaults to "Acceptance:

Test Category:	Acceptance	•
County:	Acceptance 🧧	-
_	IA - Comparative	
Location	IA - Non-comparative	
	Informational	
BOL:		
		-

Figure 6 - Corrugated Metal Pipe Test Category Drop-Down Menu

When the Contract Number is *not* entered, the following fields are required:

- Purchaser Order (PO) number
- Maintenance Supervisor
- The Maintenance Yard

When the Contract Number *is* entered, the Contractor Name, Contract Status, Contract Description, and primary Work Order number (Project Number) fields are populated with default values. The following fields are required:

- Station
- Location
- **Tip:** The following message may appear as a result of a Unit of Measurement mismatch between the Contract Number and Material Type on the General Tab. For example: If a English measurement Contract is selected along with a Metric Material Type, the system will advise of this discrepancy by displaying the following message:

Review Corrugated Metal Pipe



Figure 7 - Error Message, Unit of Measurement Mismatch

The Fabricator is the Company that assembles the material. This is a text entry field rather than a menu, which is similar to how the Stay-In-Place report works.

```
Fabricator:
```

Figure 8 - Fabricator Field

The Inspection Result drop down menu is selected as the result of a rejected amount. The *Notice of Rejection* field is activated when any rejected amounts are recorded on the **Results** Tab Window.

Inspection Results	
Inspector: Frederick, Samuel J	👷 Inspection Result: Meets Specs 💽
Inspection Date: 04/02/2001	Notice of Rejection: 1
Comment: Test Comment - JF	2

When the **Notice of Rejection** button 🖾 is clicked, the following window appears for the material:

The Review Notice of R	ejection (NOR ID: 1)		
Filter			<u>R</u> etrieve
Report/Sample:	Corrugated Metal Pipe	Report/Sample ID: 3	R <u>e</u> set
			Select
General Materials Rep	oort		
Inspection Result:	Meets Specs	Inspection Date: 04/02/2001	
Inspector:	Frederick, Samuel J	County: Onslow	
Producer:	Contech Construction Products, Inc., Contech C	onst. Prod., Inc Palmer, MA - MP4	
Purchase Order:	23243	Bill Of Lading: 432434	
Contract:	C104906	Work Order: 8.T261301	
Contractor:	BARNHILL CONTRACTING CO.		
Description:	GRADING, DRAINAGE, Y-LINE PAVING, PVM1	T MARKINGS & STRS	
Station:	2321 + 32 Location: Te	st Location	
Source:			
Reason:			2
Comment:			

Figure 9 - Notice of Rejection location on General Tab

Results Tab - Review Corrugated Metal Pipe Report (New)

The Upper **Results Tab** Window contains all test results data fields for the individual Material: *Gage*, *Metal Thickness*, *Corrugation*, *Perforated*, *Weld*, *Band*, *Accepted and Rejected* quantities.

The Lower portion of the tab window displays the following data fields: *First and Second Reading*, with *Coating Type(s)*, *Avg Reading, Coating, Line Item*, and *Asphalt Coating Type* fields.

Step 1: To insert a new test results row into this tab window, click the **Insert** button and enter the result data.

To delete a result row, click the **Erase** button on the row to delete and the data entry row is deleted. *This must be done BEFORE the record is saved.* If the record has been saved, the row cannot be deleted. See example below:

🐡 Review Corrugated Metal Pipe (Ne	ew)			
Report Name: Corrugated M	tetal Pipe	Report ID:	Report Status:	In Process
General Results Alt IDs Repo	ort History			
Sample From: Proje	ect 💌	Test Category: Accep	tance 🗾	
Contract:	Work Order:	County:	_	
Contractor:				
Station:	•	Location:		
PO:		BOL:		
Maint Supervisor:				
Maint Yard:				
Fabricator:				- 2
Search by Plant ID:		Section:	•	
Producer:				
Inspection Results				
Inspector:		nspection	Result:	
Inspection Date: 00/00	00000	Notice of Rej	jection: 52	
Comment:				2

Figure 10 - Corrugated Metal Pipe Results Tab Window

Step 2: To select the material click the *Material* field and all applicable selections are displayed. Double-click on the desired Material listed in the drop-down menu.

Step 3: To set the **Gage** code, select the field and choose from the drop-down menu. Double-click on the desired gage number.

The Gage code list includes the numbers 8 through 22 inclusively. Each Gage number will have a specific minimum, maximum, and tolerance range value based on the unit of measure.

- **Step 4:** To enter the **Metal Thickness**, select the field and enter the measurement.
 - **Note:** The minimum and maximum specification range on the Gage code table will be used to determine the validity of the Metal Thickness entered for a Gage number. If the Metal Thickness is not within the valid range, an asterisk will appear to the right of the data.
- **Step 5:** To select **Corrugation**, **Perforated**, **Weld**, **and Band** data, select the field and select from each drop-down menu.
 - **Note:** For consistency, the Corrugation data must be selected from a predefined list consisting of the following entries. The selection will be limited to either English or Metric based on the unit of measure for the selected material:

Corrugation	Metric/English
1 1/2 x 1/4	English
2 2/3 x 1/2	English
3 x 1	English
5 x 1	English
125 X 25	Metric
38 X 6.5	Metric
68 X 12	Metric
75 X 25	Metric

Figure 11 - Corrugation code Table

To review the most up to date values HiCAMS, perform the following:

1 Select the **Admin ≡ Codes Tables** menu. A list of codes tables used in HiCAMS displays.

Scroll through the list and select "**FIR Corrug for Metal Pipe**" from the list. The list of minimum/maximums for either single or triple spot tests for both English and Metric is listed:

do Co	🐡 Codes Tables - FIR Corrug for Metal Pipe									
	Table	<u> </u>	Corrugation	Metric/English	Expiration					
	Estimate End Day		1 1/2 x 1/4	English	12/31/2075					
	Estimate Status		2 2/3 x 1/2	English	12/31/2075					
	Estimate Type		3 x 1	English	12/31/2075					
	Final Estimate Documents		5 x 1	English	12/31/2075					
	FIR Asphalt Coating Type		125 X 25	Metric	12/31/2075					
	FIR Coating for Metal Pipe		38 X 6.5	Metric	12/31/2075					
	FIR Concrete Pipe Specs		68 X 12	Metric	12/31/2075					
	FIR Concrete Pvmt PF		75 X 25	Metric	12/31/2075					
Ġ	FIR Corrug for Metal Pipe									

The Perforated, Weld, and Band drop-down menus all function the same and all contain Pass, Fail, and N/A for your selection.

Step 6: To select **Accept and Rejected** quantities, select the field and enter the appropriate amount.

When a number greater than zero is entered in the Quantity Rejected field, a **Notice of Rejection** will automatically be generated by the system - regardless of the overall status of the report.

Step 7: To enter data into the First and Second Reading areas, click the *Coating Type(s)* field and select from *Aluminized, Asphalt, Polymer, or Zinc* in the drop-down menu(s).

🐡 Review Corrugated Me	tal Pipe (Report ID: 508)						-		
Report Name: Co	Report Name: Corrugated Metal Pipe			Report ID: 508			Report Status: In Process		
General Results Alt I	Ds Report History								
Material Type	Material	Gage	Metal Thickness	Corrugation	Perforated	Weld	Band	Accepted	Rejected
Pipe Culvert, Metal - En	Bituminous Coated Corru	g8 - English	1.000	★ 1 1/2 x 1/4	Pass	Pass	Pass 📕	1.000	.000
Line Item:					isposition				
First Reading		econd Readir			Accepted:	.00	0 Pay	Adjusted:	.000
Coating Type:		Coating Type	e:		Removed:	.00	0	Test ID: 407	
Avg Reading:		Ava Readin	a:		Comment:				
Coating:	00	Coating	a.)	00					
County.	.00	Contini	y.						
Asphalt Coating	Туре:								

Figure 12 - Corrugated Metal Pipe Results Tab Window

Step 8: To enter data into *Avg Reading* field(s), click the field(s) and enter the Avg Reading data.

The Coating field is calculated in the HiCAMS system between Coating Type, English/Metric contract multiplication/division relationships, and other business rule considerations.

Step 9: To enter Asphalt Coating Type, select the field and choose from the list. The *Asphalt Coating Type* field has these default considerations:

When a Coating Type of Zinc is selected for an English Contract, the Zinc Coating (ounces per square foot) will be calculated by dividing the Average Zinc Reading by 1.7. The Coating must be 2.00 or greater to be considered within a valid range. If it does not meet this requirement, an asterisk will be displayed in the field.

When a Coating Type of Zinc is selected for a Metric Contract, the Zinc Coating (ounces per square foot) will be calculated by multiplying the Average Zinc Reading by 179.706. The Coating must be 611 (grams per meters squared) or greater to be considered within a valid range. If it does not meet this requirement, an asterisk will be displayed in the field.

Note: If the Zinc Coating for either the Single Spot Test or the Triple Spot Test is not within the acceptable specification range, the rejected quantity must be greater than zero and an asterisk will be placed to the right of the data in the Coating field.

When a Coating Type of Aluminized is selected for an English Contract, the Aluminum Coating will be calculated by dividing the Average Reading by 1.9. The Coating must be 1 (ounces per square foot) or greater to be considered within a valid range. If it does not meet this requirement, an asterisk will be displayed in the field.

When a Coating Type of Aluminized is selected for a Metric Contract, the Aluminum Coating will be calculated by dividing the Average Reading by 1.9 and multiplying the result by 305.2 to obtain grams per meter squared. The Coating must be 305.2 (grams per meter squared) or greater to be considered within a valid range. If it does not meet this requirement, an asterisk will be displayed in the field.

When a Coating Type of Polymer is selected, the Coating field will not be calculated by the system due to the one-toone correspondence between the Average Reading and the Coating. Therefore, the Coating field will be populated with the same data that was entered into the Reading field.

When a Coating Type of *Asphalt* is selected, the *Coating* field will not be calculated by the system due to the one-to-one correspondence between the Average Reading and the Coating. Therefore, the Coating field will be populated with the same data that was entered into the Average Reading field.

Additionally, one of the following selection criteria must be chosen to further clarify the Coating Type:

- A Fully Bituminous Coated
- B1 Half Bituminous Coated, Partially Paved 25%

- B2 Half Bituminous Coated, Partially Paved 40%
- C1 Fully Bituminous Coated, Partially Paved 25%
- C2 Fully Bituminous Coated, Partially Paved 40%
- D Fully Bituminous Coated, Fully Paved
- **Step 10:** The available materials are determined by the contract and material selected. If only one material exists, it will display in the field. If more than one, select the drop down arrow to select the material.
- **Step 11:** Save the record, click the **Save** button.

The saved record captures all data that has been entered and the fields in all tab windows become uneditable. The fields become editable for data entry after the Report's status is changed and the record is re-saved by an authorized user.



Figure 13 - Report Status Drop-Down menu

Note: Saving a record can be performed at any point. If the record save is interrupted at any point, it is usually as a result of incomplete data entry. There are various messages that the system may display based upon what is required to be entered in order to save the record. The following is one such example message.



Figure 14 - Typical Advisory Message, Required Information

To rectify the Save error, click the **OK** button, enter the required data mentioned in the message, and click the **Save** button.

Disposition - Reviewing and Processing Failed Field Inspection Reports

In some cases the MOE may review FIR results and authorize the FIR with a status of "Does Not Meet Specs – Pay Adjustment" or "Does Not Meet Specs – Rejected".

The System will automatically update the Disposition Accepted Quantity when the Material Accepted Quantity is greater than zero and the Rejected Quantity is equal to zero. If the user decides to modify the accepted quantity and the record has not been authorized, the disposition-accepted quantity will get updated to reflect the change.

The MOE and the Resident Engineer will be able to enter Disposition quantities for Corrugated Metal Pipe. The Accepted and Pay Adjustment Recommendation (PAR) Quantities will be totaled and added to the Contract Materials Accepted quantity.

Note: A Disposition history record will be created any time the Disposition fields are modified.

The Disposition fields will be available for update for those users with proper security level access when the Corrugated Metal Pipe Report has been authorized. A Reset button has been provided to allow the user to clear out the Disposition fields. The Disposition fields will not automatically be cleared when the Report is Unauthorized.

The sum of the Disposition quantities must equal the sum of the Accepted and Rejected quantities for the Corrugated Metal Pipe Material.

Note: A Disposition Comment is required when the overall Inspection Result for the Report has been set to either "Pay Adjustment -Does Not Meet Specs" or "Rejected - Does Not Meet Specs" and the Disposition Accepted Quantity is greater than zero.

Pay Adjustment Recommendations initiated from Field Inspection Reports are generated by the Section Materials Specialists and reviewed by the Materials Operations Engineer. These recommendations are based on the original tests and can be used by the Resident Engineer on the project to determine how much (if any) to reduce the payment to a contractor for the flawed material.

At the time the Section Material Specialist enters the report data and saves in HiCAMS, a notification is sent to the MOE for review and authorization. Once authorized, a notification is sent to the Resident Engineer to review the authorized FIR. If the report was authorized with a status of "Does Not Meet Specs – Pay Adjustment", a pay adjustment recommendation has been processed by the MOE.

The Resident Engineer then has the option of creating a Pay Factor, either paying for the material for the full or reduced price, using the pay adjustment recommendation made by the MOE.

- **Step 12:** To enter a Pay Factor from an approved Pay Adjustment Recommendation, click the link icon next to the Pay Adjusted field in the Results tab.
 - **Note:** For further instructions on processing a pay adjustment recommendation and a subsequent pay factor, see Chapter 5

(Contract Tracking), Section 7 (Pay Adjustment Recommendations) of the user manual.

Alt IDs Tab - Review Corrugated Metal Pipe Report (New)

One or more Alternate IDs may be entered for the material being tested.

- **Step 1:** To insert a new Alt ID row into this tab window, click the **Insert** button and enter the data.
- **Step 2:** To delete an Alt ID row, click the **Erase** button on the row to delete and the data entry row is deleted. See example below:

de Revi	ew Corrugated Metal Pipe	(Report ID: 456)			_	
F	teport Name: Corrugated	Metal Pipe	Report ID:	456	Report Status: In Process	
Gener	al Results Alt IDs Re Alternate IDs for Mat Bituminous Coated Corr	port History erial: uaated Steel Pice Culvert. Typ	e B. 1.63 mm Thick. 400 n	ım		
	Alternate Type	Alternate Id	Status		Define Range	
	Heat	1P1-080901-	Available		Count: 2	
					Create Range	

Figure 15 - Corrugated Metal Pipe Alt IDs Tab Window Insert/Delete Row

Step 3: To select an **Alternate Type**, select the field and select from the drop-down menu list. Choices include the following: *Heat, Lot, Batch, Tag, Piece, Girder, and Skid.*

Alternate Type	
Heat	-
Lot	•
Batch	
Tag	
Piece	
Girder	
	•



The type for Corrugated Metal Pipe will default to "Heat" when first inserting an Alternate ID row into this window. An error message could also appear in the case of duplicate Alternate IDs.

- **Step 4:** To enter an **Alternate ID** number, select the field and enter an appropriate ID number for Corrugated Metal Pipe.
- **Step 5:** To change the **Status** from the default of "Available", click the drop-down menu and choose a listed status as shown in the example below:

Status
Available 🔹
Available
Expired
In Use
Rejected
Void

Figure 17 - Corrugated Metal Pipe Status Drop-Down/Define Range

Under the Define Range area, it is possible to **Create** or **Clear** a Range for Alternate Types/Alternate IDs.

- **Step 6:** To create a range, select the *Alternate ID* field to the right of the Alternate ID number and add a numeric suffix to start the range specified by the count that you specify.
- Step 7: To specify the Count for the range, click on the up/down arrows or enter the amount and click the Create Range button. The Range is then created as shown in the example below:

Alternate IDs for M Corrugated Aluminum	l aterial: 1 Pipe Culvert, 0.064 in Thick, 16 G	aqe, 15 in-Linear Feet	
Alternate Type	Alternate Id	Status	Define Range
Heat	MP1-08/09/2001-1	Available	Count: 2
Heat	MP1-08/09/2001-2	Available	<u>C</u> reate Range Clear <u>R</u> ange

Figure 18 - Corrugated Metal Pipe Create/Clear Range

Step 8: To clear the range, click the **Clear Range** button. This will delete the range. This must be done BEFORE the record is saved. After the record is saved, the Range cannot be cleared.

Report Tab - Review Corrugated Metal Pipe Report

The Report for Corrugated Metal Pipe is under the **Report** tab.

Step 1: To view the entire report, use the scroll bars or use **Print Preview.**

	atod motar i ipo	перотеть.	Report ID: 465		1000000
laterial Type: Pipe C	ulvert, Metal - English			-	
	Report Luister J				
erai Results Alt IDs	History				
A CONTRACT	ins	pection Result: Meets Specs		Page 1 of 1	
- A N	North Carolina	a Department of Ti	ransportation	08/14/2001	
	Division of H	ighways, Materials an	d Tests Unit		
	1801 Blue	e Ridge Rd. Raleigh, N	IC 27607		
2. 194 M	Repor	t on Corrugated Meta	l Pipe		
Report ID: 489	Work Order:	R	eport Status: In Process		
Contract:	County:	Ins	pection Date: 08/09/2001		
Station: -	+ RE:,		Inspector: Ayers, Jay		
Location @ Winf	all Maintenance Yd.	S	Sample From: Stockpile		
Contractor:	C	le le	est Category: Acceptance		
Maint Super: Wr. 1.n. Maint Vardu Motal	.Swayne				
Fabricator: Pomone	a Supply Co				
Material Type: Pipe Cu	ivert Metal - English		DOL: 00-0700		
Facility: Contect	h Const. Prod., Inc Raleigh				
Producer: Contect	h Construction Products, Inc., Conte	ch Const. Prod., Inc Raleigh - MP	1		
	Metal		Line		
Material	Gage Thickness Corrugatio	n Perforated Weld Band	Accepted Rejected Item	Asphalt Coating Type	
Corrugated Aluminum	16 0.061 2.2/3 × 1/2	N/A Pass Pass	300.000 .000		
Pipe Culvert, 0.064 in					

Figure 19 - Corrugated Metal Pipe Report Tab Window

Each material from the **Results** tab will be displayed on the report.

Step 2: To print the report, click the **Print** icon on the toolbar. HiCAMS will generate a printable version of the report. The Report on Corrugated Metal Pipe window will display:

Inspection Result: Meets Speces Page 1 of 1 North Carolina Department of Transportation Ber 142001 Division of Highways, Materials and Tests Unit 1801 Blue Ridge Rd. Raleigh, NC 27607 Report on Corrugated Metal Pipe Page 1 of 1								
Report ID: 489 Contract: Station: Location @ Wi Contractor: Maint Super: Mr. T. Maint Yard: vWnfa Fabricator: Pomo		Report Status: In Process Inspection Date: 08092001 Inspector: Ayers, Jay Sample From: Stockpile Test Category: Acceptance Section: 184 P0: 217978 BOL: 50-3788						
Material Type: Pipe C Facility: Conte Producer: Conte	Culvert, Metal - Englis sch Const. Prod., Inc. sch Construction Proc	h - Raleigh Iucts, Inc., Contech C	Const. Prod., Inc	Raleigh - MP1		. 30 57 60		

Figure Figure 20 - Report on Metal Pipe

Step 3: Click the print icon once again to print the report. The Print setup window will display. Click the **Print** button to print the report:

History Tab - Review Corrugated Metal Pipe Report

Actions that have been performed for an individual report are listed located under the **History** tab. The history includes the *Action, Action Date/Time, Status,* and *Who* performed the action. This area also contains any comments that may have been entered when the action was taken.

To view the individual comments for each action, click the action to view the comment:

🐡 HiCAMS - [testconb]									
<u>File E</u> dit F <u>u</u> nctions <u>I</u> nquiries <u>R</u> eferences <u>A</u> dmin]	<u>T</u> ools <u>W</u> indow <u>H</u>	elp							
The Review Corrugated Metal Pipe (Report ID: 3)									
Report Name: Converted Motal Pina	Report II	. 2	Report Statue: In Process						
Theport Name. Contigated Metal Tipe	перок п	. 5							
Material Type: Pipe Culvert, Metal, Accessories - Bo	oth		1						
General Results Alt IDs Report History									
Action	Action Date	Status	Who						
Create	5/14/01 08:05:00	In Process	Pace, Randy K						
Comment	5/14/01 08:00:00	In Process	Pace, Randy K						
Comment: Test Comment - JF									

Figure 21 - Corrugated Metal Pipe History Tab Window