

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120R4Cty: SF Rte: 80 PM: 12.6,13.2File #: 11.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Thompson Metal Fab Vancouver,WA**Report No:** NCR-000007**Prime Contractor:** C.C. Myers**Date:** 02-Sep-2008**Submitting Contractor:** Thompson Metal Fabrication (TMF). Vancouver Wa.**NCR #:** NCR-000007**Type of problem:**

| | | | |
|---------------------|-------------------|--------------------|--|
| Welding | Concrete | Other | |
| Welding | Curing | Procedural | Bridge No: 34-0006 |
| Joint fit-up | Coating | Other | Component: Skid Bent Pipe Columns |
| Procedural | Procedural | Descriptor: | Unapproved weld peening |

Reference Description:**Description of Non-Conformance:**

Caltrans Quality Assurance (QA) Inspector Joe Adame observed that TMF Quality Control(QC) have allowed TMF production to perform peening on Pipe Columns C27a, C27b to base plates pG1a prior to receiving Engineer's approval. The peening was performed on swingshift of 8/29/08. QC Inspector Roger Fife stated that the weld peening was only performed on the intermediate weld layers of the CJP base plate welds.

Applicable reference:

Special Provisions Section 8.3 Welding, AWS D1.5-2002 Section 3.8 Peening

Who discovered the problem: QA Inspector Joe Adame**Name of individual from Contractor notified:** QC Inspector Roger Fife**Time and method of notification:** 1500, In person**Name of Caltrans Engineer notified:****Time and method of notification:****QC Inspector's Name:** QC Inspector Roger Fife**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

TMF will submit an RFI to seek approval to continue with peening to aid in distortion control.

Comments:

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jinesh Mehta,1-951-840-0541, who represents the Office of Structural Materials for your project.

Inspected By: Adame,Joe

Quality Assurance Inspector

Reviewed By: Wright,Mark

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Contract #: 04-0120R4Cty: SF Rte: 80 PM: 12.6,13.2File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Thompson Metal Fab Vancouver, WA**Report No:** NCS-000001**Prime Contractor:** C.C. Myers**Date:** 22-Dec-2008**Submitting Contractor:** Thompson Metal Fabrication (TMF). Vancouver Wa.**NCR #:** NCR-000007**Type of problem:**

| | | | |
|---------------------|-------------------|---------------------|---------------------------|
| Welding | Concrete | Other | |
| Welding | Curing | Procedural | Bridge No: 34-0006 |
| Joint fit-up | Coating | Other | Component: |
| Procedural | Procedural | Description: | |

Date the Non-Conformance Report was written: 02-Sep-2008**Description of Non-Conformance:**

Caltrans Quality Assurance (QA) Inspector Joe Adame observed that TMF Quality Control(QC) have allowed TMF production to perform peening on Pipe Columns C27a, C27b to base plates pG1a prior to receiving Engineer's approval. The peening was performed on swingshift of 8/29/08. QC Inspector Roger Fife stated that the weld peening was only performed on the intermediate weld layers of the CJP base plate welds.

Contractor's proposal to correct the problem:

TMF will submit an RFI to seek approval to continue with peening to aid in distortion control.

Corrective action taken:

TMF submitted 215-RFI-345.00018-00 which was a request to perform peening to aid on weld distortion on the Skid Bent Pipe Columns. The weld peening was approved for these Non-FCM CJP weld joints.

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:** William Casey**Date:** 05-Sep-2008**Is Engineer's approval attached?** Yes No**Comments:**

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Inspected By: Adame, Joe

Quality Assurance Inspector

Reviewed By: Mehta, Jinesh

QA Reviewer