

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 #: 04-0120R4
 Cty: SF Rte: 80 PM: 12.6,13.2
 File #: 11.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Vancouver, Washington

Report No: NCR-000015

Prime Contractor: C.C. Myers

Date: 14-Nov-2008

Submitting Contractor: Thompson Metal Fabrication (TMF). Vancouver Wa.

NCR #: NCR-000015

Type of problem:

| | | | |
|---------------------|-------------------|--------------------|-------------------------------------|
| Welding | Concrete | Other | |
| Welding | Curing | Procedural | Bridge No: 34-0006 |
| Joint fit-up | Coating | Other | Component: Skid Beam B (FCM) |
| Procedural | Procedural | Descriptor: | |

Reference Description: Heat straightening with active force not a step in TMF 's heat straightening procedure.

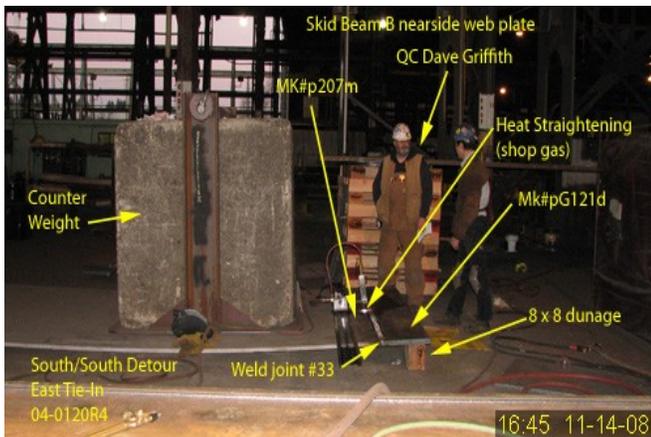
Description of Non-Conformance:

TMF Quality Control Inspectors Roger Fife & Dave Griffith have allowed TMF production to perform Heat Straightening (HS) with active force on 11-14-2008 at Skid Beam Nearside Web – WB207A (side a). The use of counter weights is not a step in the TMF approved heat straightening procedure. TMF production has also performed heat straightening on the same locations at two separate times. The following are locations of heat straightening application from Day Shift and the Swing Shift:

Day Shift: The application of heat was applied from the center line of the weld 2-3/4" (1 Pass) and 3-1/4" (1 pass) on the FCM plate MK#p207m.

Swing Shift: The application of heat was applied from the center line of the weld 2-3/4" (1 Pass) and 3-1/4" (1 pass) on the FCM plate MK#p207m.

As of this time TMF QC did not provide a heat straightening report for the initial heat that was induced in the material on day shift of 11/14/08 showing extent and effectiveness of heat straightening.



QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

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Applicable reference:

TMF Welding Quality Control Plan

Who discovered the problem: Quality Assurance Inspector Sherri Brannon

Name of individual from Contractor notified: Mr. Dave Griffith

Time and method of notification: 1830 hour, Verbal Notification on 11-14-2008

Name of Caltrans Engineer notified: Karen Wang

Time and method of notification: November 17, 0800, by phone

QC Inspector's Name: Mr. Dave Griffith

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

Unknow at this time.

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: Brannon,Sherri

QA Inspector

Reviewed By: Adame,Joe

Quality Assurance Inspector

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Contract #: 04-0120R4Cty: SF Rte: 80 PM: 12.6,13.2File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Vancouver, Washington**Report No:** NCS-000005**Prime Contractor:** C.C. Myers**Date:** 11-Feb-2009**Submitting Contractor:** Thompson Metal Fabrication (TMF). Vancouver Wa.**NCR #:** NCR-000015**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: 14-Nov-2008**Description of Non-Conformance:**

TMF Quality Control Inspectors Roger Fife & Dave Griffith have allowed TMF production to perform Heat Straightening (HS) with active force on 11-14-2008 at Skid Beam Nearside Web – WB207A (side a). The use of counter weights is not a step in the TMF approved heat straightening procedure. TMF production has also performed heat straightening on the same locations at two separate times. The following are locations of heat straightening application from Day Shift and the Swing Shift:

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As of this time TMF QC did not provide a heat straightening report for the initial heat that was induced in the material on day shift of 11/14/08 showing extend and effectiveness of heat straightening.

Contractor's proposal to correct the problem:

TMF submitted a response stating that the use of weights was used as a one time exception and TMF would follow approved procedure in the future (Ref 215-STT-.02243)

Corrective action taken:

Yes

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:****Date:****Is Engineer's approval attached?** Yes No**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, (951) 840-0541, who represents the Office of Structural Materials for your project.

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

(Continued Page 2 of 2)

Inspected By: Brannon, Sherri

Quality Assurance Inspector

Reviewed By: Adame, Joe

QA Reviewer