

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 #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 13.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT**

Location: American Tank & Fabrication, Cleveland, Ohio
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Submitting Contractor: Oregon Iron Works Clackamas, Or.

Report No: NCR-000174
Date: 06-Aug-2008
NCR #: OIW-0008

Type of problem:

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Hinge K pipe beam fuses
Procedural	Procedural	Descriptor: NDT being conducted by non-approved personnel	

Reference Description: Hinge K pipe beam fuse sections, after rolling of plates / heat D5551-3A and D5551-5B.

Description of Non-Conformance:

The contractor OIW has directed Stork Herron Testing Labs (SHTL) to conduct MT on the Hinge K pipe beam fuse sections that have been roll formed at American Tank & Fabrication in Cleveland Ohio. SHTL procedures and personnel have not been approved by the Engineer at this time.

Applicable reference:

State Letter 04.03.01-002330 specifically states that Stork Herron Testing Lab (SHTL) must not perform any NDT operations until (procedures and personnel submittal revisions) have been satisfactorily resolved.

Contract Special Provisions, section 8-3.01, Welding Quality Control

Who discovered the problem: Scott Croff, Caltrans QA Inspector

Name of individual from Contractor notified: Shane Levermann, SHTL NDT Technician

Time and method of notification: 1000 hours, verbal notification, 8-6-2008

Name of Caltrans Engineer notified:

Time and method of notification:

QC Inspector's Name: Shane Levermann

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

Unknown.

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 Ryan Smith, who represents the Office of Structural Materials for your project.

Inspected By: Croff, Scott QA Inspector

Reviewed By: Wright, Mark QA Inspector



DEPARTMENT OF TRANSPORTATION

333 Burma Road
Oakland CA 94607
Tel: 510-622-5661 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: AMERICAN BRIDGE/FLUOR, A JV
375 BURMA ROAD
OAKLAND CA 95607
Date: 27-Aug-2008

Dear: Mr. Charles Kanapicki
Contract No: 04-0120F4
04-SF-80-13.2 / 13.9

Attention: Mr. James Bowers
Job Name: SAS Superstructure

Subject: NCR No. OIW-0008
Document No: 05.03.06-000149

Reference Description: Hinge K pipe beam fuse sections, after rolling of plates / heat D5551-3A and D5551-5B.

The Attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

- Material or Workmanship not in conformance with contract documents.
- Quality Control (QC) not performed in conformance with contract documents.
- Recurring QC issue that constitutes a systematic problem in quality control.
- Non-Conformance Resolved.

Remarks:

Material Location: Pipe Beam **Lift:** N/A

Stork Herron Testing Laboratories (SHTL) are not approved to perform NDT (MT) on the Project. As issued in NCR #OIW-0003, #OIW-0006, #OIW-0007 and State Letter 05.03.01-002330, SHTL must not perform NDT operations until the audit findings have been satisfactorily resolved.

It is noted that ABF and their suppliers have continued to violate the Contract requirement.

See NCR #OIW-0008 for further details.

Action Required and/or Action Taken:

Address the findings from the Department audit and then use SHTL to perform NDT, or use OIW approved personnel to perform NDT of the Hinge Pipe Beam Fuses rolled at American Tank and Fabrication (AT&F).

NDT (MT) performed by Stork Herron will not be accepted. Repeat all NDT (MT) procedures with approved/qualified personnel.

Transmitted By: Warren Collins Assistant Structural Rep

Attachments: OIW-0008

cc: Rick Morrow, Brian Boal, Robert Kick, Ryan Smith

File: 05.03.06, 09.013.0005.2

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000149

Subject: NCR No. OIW-0008

Dated: 18-Dec-2008

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Job Name: SAS Superstructure

Document No.: ABF-NPR-000193 Rev: 00

Contractor's Proposed Resolution:

Reference Resolution: OIW to perform MT with their own staff at their Clackamas, OR facility

As discussed in the teleconference with ABFJV and Caltrans on November 18, 2008, OIW will perform MT with their own staff at their Clackamas, OR facility. The MT performed by Stork-Herron at AT&F was for OIW internal informational purposes only, not for compliance purposes, and it is respectfully requested that issues relating to Stork-Herron's approval status in OIW's WQCP not apply to the work they performed at AT&F.

Submitted by: Kanapicki, Charles

Attachment(s): ABF-NPR-000193R00

Caltrans' comments:

Status: CLO

Date: 27-Mar-2009

The NCR is resolved.

Note: The revision to OIW's Hinge K Fabrication procedure - Submittal ABF-SUB-000583R04 - also documented that MT performed on the fuses while at AT&F was for information only.

Submitted by: Collins, Warren

Attachment(s):

Date: 27-Mar-2009

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION**

Location: American Tank & Fabrication, Cleveland, Ohio
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Submitting Contractor: Oregon Iron Works Clackamas, Or.

Report No: NCS-000167**Date:****NCR #:** OIW-0008**Type of problem:**

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

Date the Non-Conformance Report was written: 06-Aug-2008**Description of Non-Conformance:**

The contractor OIW has directed Stork Herron Testing Labs (SHTL) to conduct MT on the Hinge K pipe beam fuse sections that have been roll formed at American Tank & Fabrication in Cleveland Ohio. SHTL procedures and personnel have not been approved by the Engineer at this time.

Contractor's proposal to correct the problem:

As discussed in the teleconference with OIW and ABFJV on November 18, 2008, OIW will perform MT with their own staff at their Clackamas, OR facility. The MT performed by Stork-Herron at AT&F is considered for OIW internal informational purposes only, not for compliance purposes. Therefore, fabricated items shipping from AT&F will be blue tagged pending MT testing at OIW.

Corrective action taken:

See Contractor's proposal to correct the problem.

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 Mohammad Fatemi (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By: Fatemi, Mohammad

Quality Assurance Inspector

Reviewed By: Fatemi, Mohammad

QA Reviewer