

**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 #: 59.25B

## QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

**Location:** Tacoma, WA  
**Prime Contractor:** C.C. Myers  
**Submitting Contractor:** Jesse Engineering Co. (JEC) Tacoma Wa.

**Report No:** NCR-000011  
**Date:** 14-Nov-2008  
**NCR #:** NCR-000011

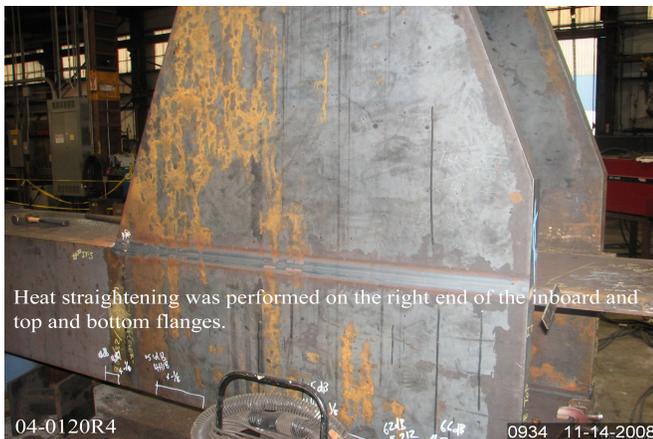
### Type of problem:

<b>Welding</b>	<b>Concrete</b>	<b>Other</b>	
<b>Welding</b>	<b>Curing</b>	<b>Procedural</b>	<b>Bridge No:</b> 34-0006
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b> F31B
<b>Procedural</b>	<b>Procedural</b>	<b>Descriptor:</b> Heat straightening	

**Reference Description:** Assembly F31B: Heat straightening performed without state approval

### Description of Non-Conformance:

The QA Inspector during conversations with 2nd shift JEC QC Inspector Oscar Baker was informed that on Monday November 10, 2008 between the hours of 1800 to 2100 heat straightening was performed on the inboard and outboard flanges of F31B by JEC production personnel without approval from the state. The QA Inspector performed a random observation and noted the Inboard top/bottom flanges on the right end were heat straightened along with the flange located in the center of the assembly. Later in the shift, the QC Inspector stated he did not inform his lead Inspector on dayshift for direction of the heat straightening performed Monday evening.



### Applicable reference:

AWS D1.5-02 section 3.7.3

**Who discovered the problem:** Mike Garcia

**Name of individual from Contractor notified:** QCM Ken Foster

**Time and method of notification:** 1030 verbal notification

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## QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

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**Name of Caltrans Engineer notified:** Caltrans Structures Representative, Karen Wang

**Time and method of notification:** 10:30 verbal

**QC Inspector's Name:** Oscar Baker

**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 Jinesh Mehta, 1-951-840-0541, who represents the Office of Structural Materials for your project.

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**Inspected By:** Garcia, Mike

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:** Tacoma, WA**Report No:** NCS-000004**Prime Contractor:** C.C. Myers**Date:** 16-Dec-2008**Submitting Contractor:** Jesse Engineering Co. (JEC) Tacoma Wa.**NCR #:** NCR-000011**Type of problem:**

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

**Date the Non-Conformance Report was written:** 14-Nov-2008**Description of Non-Conformance:**

The QA Inspector during conversations with 2nd shift JEC QC Inspector Oscar Baker was informed that on Monday November 10, 2008 between the hours of 1800 to 2100 heat straightening was performed on the inboard and outboard flanges of F31B by JEC production personnel without approval from the state. The QA Inspector performed a random observation and noted the Inboard top/bottom flanges on the right end were heat straightened along with the flange located in the center of the assembly. Later in the shift, the QC Inspector stated he did not inform his lead Inspector on dayshift for direction of the heat straightening performed Monday evening. (Reference C.C. Myers submittal 215-SUB.00283-03)

**Contractor's proposal to correct the problem:**

Use as is. Part was not overheated during undocumented heat straightening process.

**Corrective action taken:**

JEC QC informed production that heat straightening could not proceed without QC oversight and documentation. Production personnel understand the witness and documentation requirements regarding heat straightening processes.

**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:**

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**Inspected By:** Henke,Clete

Quality Assurance Inspector

**Reviewed By:** Adame,Joe

QA Reviewer