

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

MATERIALS ENGINEERING AND TESTING 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

FAX: (707) 649-5493



Contract # :04-0120E4

Cty SF Rte 80 PM 8.3 / 8.5

File # 13.25.B

## QUALITY ASSURANCE - NONCONFORMANCE REPORT

**Location:** Vancouver, Washington-Bay # 2**Date:** 12-09-2004**Prime Contractor:** Kiewit, FCI and Manson (KFM)- A Joint Venture**NCR#** 13**Submitting Contractor:** Oregon Iron Works- (OIW)**Type of problem:**

<b>Welding</b>	<input checked="" type="checkbox"/>	<b>Concrete</b>	<input type="checkbox"/>	<b>Other</b>	<input type="checkbox"/>
<b>Welding:</b>	<input checked="" type="checkbox"/>	<b>Curing:</b>	<input type="checkbox"/>	<b>Procedural:</b>	<input type="checkbox"/>
<b>Joint fit-up:</b>	<input type="checkbox"/>	<b>Coating:</b>	<input type="checkbox"/>	<b>Other:</b>	<input type="checkbox"/>
<b>Procedural:</b>	<input type="checkbox"/>	<b>Procedural:</b>	<input type="checkbox"/>		

**Description of Non-Conformance:** OSM Quality Assurance Inspector Joe Adame observed OIW in the process of performing re-repairs (2<sup>nd</sup> Repair Attempt) of a submerged arc welded complete joint penetration groove weld on piece mark number G101 without receiving prior approval from the Caltrans Engineer. Included below are two (2) digital pictures of this second weld repair attempt area.

**Applicable reference:** Caltrans special provisions 04-0120E4, Sec.10 (Shop welding) note F, pg. 217.**Who discovered the problem:** Caltrans QA Inspector Joe Adame.**Name of individuals from Contractor notified:** QC inspector Russ Lynch, QCM Nate Lindell.**Time and method of notification:** 12-09-04, verbally at 07:30am with QC, phone call to QCM at 08:00 am.**Name of Caltrans Engineer notified:** Mark Vilcheck, Structure Rep.
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 001528 DEC 14 2004

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## QUALITY ASSURANCE - NONCONFORMANCE REPORT

*(Continued, Page 2 of 2)*

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**Time and method of notification:** SMR Notified on 12/9/04. Structure Rep received written NCR on 12/14/04.

**QC Inspector's Name:** Russell Lynch

**Was the QC Inspector aware of problem:** No

**Contractor's proposal to correct the problem:** No proposal has been submitted at this time.

**Comments:** This report is for the purpose of determining general 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 Steve Gilbert, (858) 344-3839, who represents the Office of Structural Materials for your project.

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Inspected By: Joe Adame

Quality Assurance Inspector

Reviewed By: David McClary

QA Reviewer

**DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program**

333 Burma Rd.  
Oakland, CA 94607  
(510) 286-0538, (510) 286-0550 fax



Kiewit-FCI-Manson, JV  
220 Burma Rd.  
Oakland, CA 94607

June 15, 2006

Attn: Mr. Chris Webb  
Welding Quality Control Manager

Contract No. 04-0120E4  
04-SF-80-13.4, 13.8  
SAS T1 & E2 Foundations  
SFOBB-ESSSP

Letter No. 05.003.01-001381

Subject: NCR - Oregon Iron Works, 12/09/2004 (CWR Performed Without Engineer Approval)

Dear Chris,

The Department issued a Non-conformance Report (NCR) at Oregon Iron Works (OIW) in Vancouver, Washington, on December 9, 2004. The NCR was generated when QA observed that OIW was in the process of performing a critical weld repair (CWR) without prior approval of the Engineer.

The clearing documents for the CWR 2083-001 were submitted to the Department in KFM Submittal No. 146, Revision No. 01, dated March 29, 2006, which was approved by the Department's Letter No. 1183 dated May 15, 2006. This NCR is considered by the Department to be resolved.

If you have any questions or need additional information, please contact Mark Vilcheck at (510) 286-0526.

Sincerely,

Mark Vilcheck  
Structure Representative

For: Pedro J. Sanchez  
Resident Engineer

cc: P. Sanchez  
M. Woods  
R. Smith

file: 05.003.01, 09.006.03

**DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program**

333 Burma Rd.  
Oakland, CA 94607  
(510) 286-0538, (510) 286-0550 fax



Kiewit-FCI-Manson, JV  
220 Burma Rd.  
Oakland, CA 94607

Attn: Mr. Chris Webb

February 13, 2006

Contract No. 04-0120E4  
04-SF-80-13.4, 13.8  
SAS T1 & E2 Foundations  
SFOBB-ESSSP

Letter No. 05.003.01-000805

Subject: NCR - Oregon Iron Works, 12/09/04 (CWR Performed Without Engineer Approval)

Dear Christopher,

The Department issued a Non-conformance Report (NCR) at Oregon Iron Works (OIW) in Vancouver, Washington, on December 9, 2004. The NCR was generated when QA observed that OIW was in the process of performing a critical weld repair (CWR), a second repair attempt on a complete joint penetration groove weld on workpiece No. G-101, without prior approval of the Engineer.

The CWR was submitted to the Department in KFM Submittal No. 146, Revision No. 00, dated December 22, 2004, which was approved by the Department's Letter No. 582 dated November 18, 2005. This NCR is considered by the Department to be resolved.

If you have any questions or need additional information, please contact Mark Vilcheck at (510) 286-0526.

Sincerely,

<<< ORIGINAL SIGNED >>>

Mark Vilcheck  
Structure Representative

For: Pedro J. Sanchez  
Resident Engineer

cc: P. Sanchez  
M. Woods  
R. Smith

file: 05.003.01, 09.006.03