

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch690 Walnut Ave., St. 150
Vallejo, CA 94592-1133
(707) 649-5453

FAX: (707) 649-5493

Contract #: 04-0120E4
Cty SF Rte 80 PM.13.4, 13.8
File # 13.25B**QUALITY ASSURANCE - NONCONFORMANCE REPORT**

Location: Vancouver, WA.

Date: 12/01/2005

Prime Contractor: Kiewit, FCI & Manson (KFM) Joint Venture

NCR #25

Submitting Contractor: Oregon Iron Works (OIW)

Type of problem:

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>	
Welding:	<input type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>	Bridge No.: #34-0006
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	Component: # E2
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>			

Description of Non-Conformance: OIW Welder Mark Gibson (Welder ID# G9) was performing submerged arc welding on partial joint penetration web to flange welds without certification or approval. This was performed on 11/21/05 and 11/22/05. Oregon Iron Works Quality Control department previously mentioned that they would submit documentation of the welder's recent qualification test. As of this, date the Quality Assurance department has not received a submittal verifying the welder's qualification.

Applicable reference: AWS D1.5-2002, Sec.5.21, Contract 04-012024 Special Provisions Section 8.3**Who discovered the problem:** Quality Assurance Inspector Joe Adame**Name of individual from Contractor notified:** Quality Control Inspector Russ Lynch**Time and method of notification:** In person at 1400.**Name of Caltrans Engineer notified:** Mark Vilcheck, Structure Representative**Time and method of notification:** 12/01/05 via a phone conversation**QC Inspector's Name:** Russ Lynch**Was the QC Inspector aware of problem:** Yes**Contractor's proposal to correct the problem:**

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 Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By: Joe Adame

Quality Assurance Inspector

Reviewed By: Dave McClary

Lead QA Inspector

002967 FEB-78
RECEIVED

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

May 24, 2006

Attn: Mr. Christopher Villa
Deputy Project Director

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

Letter No. 05.003.01-001249

Subject: Response to Submittal No. 511, Revision No. 00 (Oregon Iron Works Response to NCR #11)

Dear Christopher,

The Department has reviewed Kiewit-FCI-Manson Submittal No. 511, Revision No. 00, dated April 27, 2006. This Submittal responded to the Department's Letter No. 963 dated March 30, 2006, which notified KFM of a Non-conformance Report (NCR) for welding by unqualified welders at Oregon Iron Works (OIW) dated December 1, 2005. The Department hereby approves Submittal No. 511, Revision Nos. 00, pursuant to Section 8-3.01, "Welding," of the Special Provisions. The NCR for OIW dated December 1, 2005, is considered 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, 55.511



"Ryan Smith"
 <rsmithlaw@worldnet.att.net>

05/23/2006 04:41 PM

To: "Mark Vilcheck" <mark_vilcheck@dot.ca.gov>
 cc: "Rafael Bolon" <rafael_bolon@dot.ca.gov>, "Tom Shimada" <tom_shimada@dot.ca.gov>, "SFOBB-E2-T1 Contract Dist04" <SFOBB-E2-T1_Contract_Dist04@dot.ca.gov>, "Reba Torres" <reba_torres@dot.ca.gov>, "Laraine Woo" <laraine_woo@dot.ca.gov>, "Pedro Sanchez" <pedro_sanchez@dot.ca.gov>, "David McClary" <Dmccclarylaw@att.net>, "mark wright" <mwrightlaw@worldnet.att.net>
 Subject: RE: 04-0120E4, KFM Sub. No.511, Rev. No. 00

Mark,

Please find the attached memo regarding OSM's response to KFM SUB 511-00 (OIW NCR 025 Response). If you have any questions regarding our comments, please feel free to contact me.

RYAN T. SMITH
 Structural Materials Representative
 Caltrans Office of Structural Materials
 Mobile: 858-232-6799
 Fax: 707-552-7758/ 916-227-7117
 rsmithlaw@worldnet.att.com

-----Original Message-----

From: Mark Vilcheck [mailto:mark_vilcheck@dot.ca.gov]
 Sent: Monday, May 01, 2006 1:55 PM
 To: rsmithlaw@att.net
 Cc: Mark Vilcheck; Mark Woods; Tom Shimada; ppichlaw@att.net
 Subject: 04-0120E4, KFM Sub. No.511, Rev. No. 00

Ryan --

KFM SUB No. 511-R00 for your review. This Submittal consists of OIW's response to NCR No. 11.

(See attached file: KFME2T1_SUB-00511.pdf)

Mark Vilcheck, P.E.
 Structure Representative
 04-0120E4 - T1/E2 SAS Marine Foundations
 Office: 510-286-0526
 Mobile: 510-772-9038
 FAX: 510-286-0550



04-0120E4 Memo SUB 511-00 Review 05-23-06

004109 JUN-8 2006
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Memorandum

*Flex your power!
Be energy efficient!*

To: MARK VILCHECK
Structure Representative
333 Burma Road
Oakland, CA 94607

Date: May 23, 2006

File: 04-0120E4
E2/T1 Foundations

From: RYAN T. SMITH
Structural Materials Representative
Quality Assurance and Source Inspection Branch
Office of Structural Materials

KFM SUBMITTAL 511-00 – OREGON IRON WORKS (OIW) RESPONSE TO CALTRANS NONCONFORMANCE REPORT (NCR) NO. 025

The Office of Structural Materials (OSM) has reviewed KFM Submittal 511-00 (response to OSM NCR 025) dated April 27, 2006. The NCR was issued to document unqualified welder, Mr. Mark Gibson, welding on piece G111-1 on November 21-22, 2005.

As indicated in the subject submittal, Mr. Gibson has subsequently qualified and his welder certifications were submitted and approved in KFM Submittal 392-00. Additionally, the Contractor has verified the root pass welds deposited by Mr. Gibson in G111-1 do not contain rejectable defects. OSM finds the response to NCR 025 to be acceptable and considers the NCR to be resolved at this time.

However, it should be noted that the magnetic particle examination (MT) reports included in this submittal reflect AWS D1.1-1998 as the specification referenced. As verbally indicated by the KFM and OIW Quality Control Managers, this should read AWS D1.5-2002.

If you have any questions or concerns regarding this issue, please call me at (858) 232-6799.

cc: Rafael Bolon
Tom Shimada
David McClary