

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
 13.4/13.8
 File # 13.25 B

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Oregon Iron Works, Clackamas (OIW)**Date:** 2-21-06**Prime Contractor:** Kiewit/FCI/Manson (KFM) Joint Venture**NCR # 051****Submitting Contractor:** Oregon Iron Works**Type of problem:**

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

Description of Non-Conformance: OIW performed heat straightening on pile sleeve #303-3 before obtaining proper approval by the Engineer per AWS D1.5-02, section 3.7.3.

Applicable reference: AWS D1.5-02, section 3.7.3**Who discovered the problem:** Caltrans Quality Assurance Inspector, Steve Williams**Name of individual from Contractor notified:** OIW Quality Assurance Inspector, Dave LaRue**Time and method of notification:** Approx. 0715 hours on 02/21/06 the QC inspector was notified verbally**Name of Caltrans Engineer notified:** Mark Vilcheck, Structure Representative**Time and method of notification:** 02/21/06 at approximately 0915 hours via a conversation**QC Inspector's Name:** Nate Lindell**Was the QC Inspector aware of problem:** Yes**Contractor's proposal to correct the problem:** Contactor has informed QA that the revised procedure with additional information is in the process of being written and submitted.

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: Steve Williams

Quality Assurance Inspector

Reviewed By: Dave McClary

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

April 27, 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. 05.003.01-001069

Subject: NCR - Oregon Iron Works 02/21/06 (Heat Straightening Performed without Engineer's Approval)

Dear Chris,

The Department issued a Non-conformance Report (NCR) at Oregon Iron Works in Clackamas, Oregon, on February 21, 2006. The NCR was generated when QA observed that OIW performed unapproved heat straightening on pile sleeve #303-3 for the Pier E2 footing. QA verbally notified Mr. Dave LaRue, OIW Quality Control Inspector, of this non-conformance on February 21, 2006.

This NCR has been resolved by Submittal No. 341, Revision No. 01, dated February 24, 2006. However, please describe what measures the Contractor will take to avoid performing future heat straightening prior to the Engineer's approval.

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