

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 # 31 .25 B

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Eaton Metal Products, Salt Lake City, UT

Date: 12-14-2005

Prime Contractor: Kiewit/ FCI/Manson (KFM)

NCR #31

Submitting Contractor: Eaton Metal Products (EMP)

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

Description of Non-Conformance: QA has completed random sampling verification of ultrasonic testing (UT) of complete joint penetration long seam welds associated with E2/T1 pile sleeves. Nonconforming areas were found to exist in three welds inspected on various dates. Inspected areas were all previously tested and accepted by Professional Service Inspection (PSI) QC UT Level II technician Mr. Wesley Muhlestein. These nonconforming areas are for the following welds on the listed pile sleeves.

Plate / long seam #	Date of QA UT verification testing / report.	QA Representative.
75mm Plate #6P	11/30/05	Paul Dawson
65mm Plate #32P	12/2/05	Dave Flygare
50mm Plate B30P	12/13/05	Bert Madison

Applicable reference: Eaton Metal Products Welding Quality Control Plan, Section 8 – Inspection, AWS D1.5-2002 Section 6.26.3.1 (Table 6.3 Tensile Stress) and Special Provisions Section 8-3.01 Welding.

Who discovered the problem: Quality Assurance representative, Bert Madison

Name of individual from Contractor notified: Doug Neilsen, EMP Quality Control

Time and method of notification: 08:00 hours, 12-14-05, verbal notification

Name of Caltrans Engineer notified: Mark Vilcheck, Structure Representative

Time and method of notification: 12/15/05 at 1330 hours during the weekly fabrication meeting

QC Inspector's Name: PSI Quality Control Mr. Wesley Muhlestein.

Was the QC Inspector aware of problem: Yes

Contractor's proposal to correct the problem: None provided 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 Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By: Bert Madison

Quality Assurance Inspector

002702 DEC 19 05 RECEIVED

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Reviewed By: Robert Mertz

Lead QA Inspector

Hardcopy Routing Instructions:

1. Resident Engineer

2. Inspecting Branch Contract File

3. Responsible Branch Contract File (with supporting documentation)

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 10, 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. 05.003.01-001007

Subject: Response to Submittal No. 421, Revision No. 00 (Eaton Metal Products - Response to NCR Issued by State Letter 789)

Dear Christopher,

The Department has reviewed Kiewit-FCI-Manson Submittal No. 421, Revision No. 00, dated March 23, 2006. This Submittal responded to the Department's Letter No. 789 dated February 10, 2006, which notified KFM of a Non-conformance Report (NCR) for Eaton Metal Products (EMP) dated December 14, 2005. The Department hereby approves Submittal No. 421, Revision No. 00, pursuant to Section 8-3.01, "Welding," of the Special Provisions. The NCR for EMP dated December 14, 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, 55.421