

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: 04-05-2006

Prime Contractor: Kiewit/ FCI/Manson (KFM)

NCR #074

Submitting Contractor: Eaton Metal Products (EMP)

Type of problem:

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>	
Welding:	<input checked="" type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>	Bridge No.: #34-0006L/R
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	Component: #Pile sleeve T1-11
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>			

Description of Non-Conformance: Contractor was performing a critical weld repair (CWR) without approval of the Engineer. The critical weld repair location is on the outside diameter of Pile Sleeve T1-11 in the girth seam (GS) weld joining 90mm thick plate B49P Mk#2 to the 75mm thick plate 17P Mk#4. Although a CWR was approved to proceed with welding of a repair (R-2) in a separate GS weld in pile sleeve T1-11, the repair welding at this R-2 location had not been submitted. EMP QC inspector Mr. James Barton stated to the QA inspector that the repair welding was inadvertently performed on this date due to a miscommunication between himself and EMP Quality Control Manager, Mr. Jason Hart.

Applicable reference: Eaton Metal Products Welding Quality Control Plan Section 10.2**Who discovered the problem:** Quality Assurance Representative, Bert Madison.**Name of individual from Contractor notified:** Jason Hart, EMP Quality Control Manager.**Time and method of notification:** 14:00 hours, verbal notification.**Name of Caltrans Engineer notified:** Mark Vilcheck, Structure Representative**Time and method of notification:** 04/14/06 at 1000 hours (CST) via verbal notification**QC Inspector's Name:** PSI Quality Control Inspector, Mr. James Barton.**Was the QC Inspector aware of problem:** No.**Contractor's proposal to correct the problem:** Submit CWR for approval.

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

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Reviewed By: James Cochran

Lead QA Inspector

Hardcopy Routing Instructions:

1. Resident Engineer

2. Inspecting Branch Contract File

3. Responsible Branch Contract File (with supporting documentation)

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Welding:	<input checked="" type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>	Bridge No.: #34-0006L/R
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	Component: #Pile sleeve T1-11
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>			

Description of Non-Conformance: Performing critical weld repair (CWR) without approval of the Engineer. The critical weld repair location is on the outside diameter of Pile Sleeve T1-11 in the girth seam (GS) weld joining 90mm thick plate B49P Mk#2 to the 75mm thick plate 17P Mk#4. Although CWR-030 has been verbally approved to proceed with welding of a repair (R-2) in a separate GS weld in pile sleeve T1-11, the repair welding at this R-2 location has not been submitted. EMP QC inspector Mr. James Barton stated to the QA inspector that the repair welding was inadvertently performed on this date due to a miscommunication between himself and EMP Quality Control manager Mr. Jason Hart. Mr. Barton stated to QA inspector that Mr. Hart had stated that CWR-030 is approved to proceed, and Mr. Barton was not aware that only one of the two repair locations was included in the CWR.

Applicable reference: Eaton Metal Products Welding Quality Control Plan Section 10.2**Who discovered the problem:** Quality Assurance representative, Bert Madison.**Name of individual from Contractor notified:** Jason Hart, EMP Quality Control manager.**Time and method of notification:** 14:00 hours, verbal notification.**Name of Caltrans Engineer notified:****Time and method of notification:****QC Inspector's Name:** PSI Quality Control Mr. James Barton.**Was the QC Inspector aware of problem:** No.**Contractor's proposal to correct the problem:** Submit CWR for approval.

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Inspected By: Bert Madison

Quality Assurance Inspector

Reviewed By: James Cochran

Lead QA Inspector

TL-15, Nonconformance Report (10/27/05)

Page 1 of 1

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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
Welding Quality Control Manager

May 12, 2006

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

Letter No. 05.003.01-001162

Subject: NCR - Eaton Metal Products, 04/05/06 (Performing Critical Weld Repair Prior to Engineer's Approval)

Dear Chris,

The Department issued a Non-conformance Report (NCR) at Eaton Metal Products (EMP) in Salt Lake City, Utah on April 5, 2006. The NCR was generated when QA observed EMP performing a critical weld repair without approval of the Engineer on the outside diameter of Pile Sleeve T1-11 in the girth seam weld joining 90mm thick plate B49P Mk#2 to the 75mm thick plate 17P Mk#4. QA verbally notified Mr. Jason Hart, EMP Quality Control Manager, of this non-conformance on April 5, 2006.

Please describe what measures the Contractor will take to avoid performing critical weld repair prior to the Engineer's approval in the future. The NCR has been resolved by Submittal No. 423, Revision No. 01 dated April 11, 2006.

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, 55.423