

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
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Contract #: 04-0120E4
 Cty SF Rte 80 PM 13.4,13.8
 File # 31.25

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Salt Lake City, Utah

Date: 10/22/2004

Prime Contractor: Kiewit/ FCI/ Manson- Joint Venture (KFM)

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: Eaton Metal Products (EMP), Quality Control Manager (QCM), Jason Hart, requested Caltrans OSM inspector James Cochran to witness a procedure qualification record (PQR) identified as SAW-GB (grout bead). This PQR was conducted on a 82mm thick section of steel plate. Caltrans state letters 05.003.01-00091 and 05.003.01-00132 specify, the required material thickness of 65mm shall be used for the qualification of this procedure.

Applicable reference: Caltrans state letters 05.003.01-00091 dated July 19, 2004 and 05.003.01-00132 dated August 09, 2004.

Who discovered the problem: Caltrans OSM Quality Assurance Inspector James Cochran

Name of individual from Contractor notified: Mr. Jason Hart, EMP QCM

Time and method of notification: October 22, 2004, 17:00 hrs, verbal with Mr. Jason Hart

Name of Caltrans Engineer notified: Pedro Sanchez

Time and method of notification:

QC Inspector's Name: Jason Hart

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: Jason Hart declared that EMP would generate a request for information (RFI) asking for acceptance from Caltrans allowing plate thickness substitution of 82mm for the specified 65mm.

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 Venkatesh Iyer, (858) 967-6363, who represents the Office of Structural Materials for your project.

Inspected By: James Cochran

Quality Assurance Inspector

Reviewed By: Neil Brown

Lead QA Inspector

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 17, 2006

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

Letter No. 05.003.01-000837

Subject: NCR - Eaton Metal Products, 10/22/04 (Incorrect Plate Thickness Used For PQR)

Dear Christopher,

The Department issued a Non-conformance Report (NCR) at Eaton Metal Products (EMP) on October 22, 2004. The NCR was generated when QA observed that EMP was conducting a procedure qualification record (PQR) for grout beads, identified as SAW-GB, using a test plate that was 82 mm thick. This material thickness was not approved for use in this PQR.

The EMP PQR, SAW-GB, was provided in Kiewit-FCI-Manson Submittal No. 99, Revision No. 00, dated November 12, 2004, which was approved by the Department's Letter No. 346 dated December 8, 2004. 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