

**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 # 1 .25 B

**QUALITY ASSURANCE - NONCONFORMANCE REPORT****Location:** E2East Foundation**Date:** 02-26-07**Prime Contractor:** Kiewit/FCI/Manson-KFM-JV**NCR #**146**Submitting Contractor:** Kiewit/FCI/Manson-KFM-JV**Type of problem:**

**Welding**  **Concrete**  **Other**   
**Welding:**  **Curing:**  **Procedural:**  **Bridge No.** 34-0006 L / R  
**Joint fit-up:**  **Coating:**  **Other:**  **Component:** E2E foundation footing  
**Procedural:**  **Procedural:**  Failure to comply with AWS D1.5-2002, Section 6.6.1

**Description of Non-Conformance:**

The Contractor's Quality Control (QC) inspector, Andrew Coffman, refused to allow the Quality Assurance (QA) inspector access to the daily inspection records for the welding being performed on the pile head connection plate welds. In accordance with AWS D1.5-2002, Section 6.6.1 the Contractor is required to cooperate and provide ready access to QC inspection records at all times.

**Applicable reference:** AWS D1.5-2002, Section 6.6.1**Who discovered the problem:** Quality Assurance Inspector, Rick Bettencourt**Name of individual from Contractor notified:** Quality Control Manager, Kevin Carpenter**Time and method of notification:** 02/26/07 at approximately 1500 via telephone notification**Name of Caltrans Engineer notified:** Saman Soheilifard, Caltrans Assistant Structure Representative**Time and method of notification:** 1800 hours February 26, 2007 via telephone notification**QC Inspector's Name:** Andrew Coffman**Was the QC Inspector aware of problem:** Yes**Contractor's proposal to correct the problem:** Unknown

**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: Richard Dennis Bettencourt *Bill Russell For Rick Bettencourt* Quality Assurance Inspector

Reviewed By: Albert Carreon 

Lead QA Reviewer

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Location: E2East Foundation

Date: 02-26-07

Prime Contractor: Kiewit/FCI/Manson-KFM-JV

NCR #146

Submitting Contractor: Kiewit/FCI/Manson-KFM-JV

Type of problem:

- Welding [X] Concrete [ ] Other [ ]
Welding: [X] Curing: [ ] Procedural: [ ] Bridge No. 34-0006 L / R
Joint fit-up: [ ] Coating: [ ] Other: [ ] Component: E2E foundation footing
Procedural: [X] Procedural: [ ] Failure to comply with AWS D1.5-2002, Section 6.6.1

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Who discovered the problem: Quality Assurance Inspector, Rick Bettencourt

Name of individual from Contractor notified: Quality Control Manager, Kevin Carpenter

Time and method of notification: 02/26/07 at approximately 1500 via telephone notification

Name of Caltrans Engineer notified: Saman Soheilifard, Caltrans Assistant Structure Representative

Time and method of notification: 1800 hours February 26, 2007 via telephone notification

QC Inspector's Name: Andrew Coffman

Was the QC Inspector aware of problem: Yes

Contractor's proposal to correct the problem: Unknown

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: Richard Dennis Bettencourt

Quality Assurance Inspector

Reviewed By: Albert Carreon

Lead QA Reviewer

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## Memorandum

*Flex your power!  
Be energy efficient!*

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

**Date:** April 2, 2007  
**File:** 04-0120E4  
E2/T1 Foundations

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

KFM LETTER 252 – RESPONSE TO METS NONCONFORMANCE REPORT (NCR)  
146

The Materials Engineering and Testing Service (METS) has reviewed KFM Letter 252 dated March 22, 2007. This letter is requesting to close METS NCR's which was issued to the Contractor by State Letter 05.03.01-0002933.

On February 26, 2007, METS documented that the Contractor's Quality Control (QC) Inspector would not provide access to their daily QC inspection notes as required in Section 6.6.1 of the AWS D1.5-2002 Code. While the Contractor does not understand the QC Inspector's daily notes to be considered the "QC inspection records" indicated in the AWS D1.5-2002 Code, please know that METS does not agree with this interpretation.

However, in accordance with the discussions between the Contractor and METS regarding the resolution of this issue, the METS has agreed to request permission to view the QC inspector's daily diary through the Welding Quality Control Manager (if necessary) or view the data via the daily reports collected weekly at the jobsite. METS considers this issue to be resolved at this time.

If you have any questions, or would like to discuss the issues, please call me at (858) 232-6799.

cc: Rafael Bolon  
Tom Shimada  
Albert Carreon

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Contract # : 04-0120E4

Cty SF Rte 80 PM 13.4/13.8File # 1.25A**QUALITY ASSURANCE - NONCONFORMANCE RESOLUTION****Location:** SFOBB Jobsite**Date:** April 2, 2007**Prime Contractor:** Kiewit/FCI/Manson (KFM) – Joint Venture**NCR #** 146**Submitting Contractor:** Kiewit/FCI/Manson (KFM) – Joint Venture**Type of problem:****Welding**  **Concrete**  **Other** **Welding:**  **Curing:**  **Procedural:** **Joint fit-up:**  **Coating:**  **Other:** **Procedural:**  **Procedural:** **Bridge No.** 34-0006L/R**Component** E2 Foundation Footing**Date nonconformance report was written:** February 26, 2007**Description of Non-Conformance:** The Contractor's Quality Control (QC) Inspector, Mr. Andrew Coffman, refused to allow Caltrans Quality Assurance (QA) personnel access to the daily inspection records for the welding being performed on the pile head connection plate welds as required by AWS D1.5 2002, Section 6.6.1.**Contractor's proposal to correct the problem:** During discussions with the Contractor and the Materials Engineering and Testing Service (METS), METS has agreed to request permission to view the QC Inspector's reports through the Quality Control Manager or to view the data via the weekly welding reports collected at the jobsite.**Corrective action taken:** The Contractor has agreed to cooperate with QA by providing access to the daily inspection records when requested through the Quality Control Manager.**Did corrective action require Engineer's approval?**  Yes  No**If so, name of the Engineer providing approval:** Structural Materials Representative (SMR) **Date:** 4-2-07  
Ryan Smith, in accordance with response to KFM Letter 252.**Is Engineer's approval attached:**  Yes  No**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:** Bill Levell

Quality Assurance Inspector

**Reviewed By:** Ryan Smith

Structural Materials Representative (SMR)