

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING 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  
(707) 649-5493

Contract #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: 1.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** SFOBB/OTD**Report No:** NCR-000046**Prime Contractor:** MCM Construction, Inc.**Date:** 25-Feb-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000046**Type of problem:**

<b>Welding</b>	<b>Concrete</b>	<b>Other</b>	
<b>Welding</b>	<b>Curing</b>	<b>Procedural</b>	<b>Bridge No:</b> 34-0006
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b> 1.8M CISS Piles
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b> Inadequate Coverage by QC	

**Reference Description:****Description of Non-Conformance:**

The QA Inspector observed and noted no QC present to monitor the splice welding at E18L-3 from 0230 to 0330. The QA Inspector noted the QC Inspector Joe Knoblauch was involved with providing coverage at location E19L (Welding of the Shear Keys).

**Applicable reference:**

Caltrans Special Provisions, Welding Section 8-3

**Who discovered the problem:** Mike Garcia**Name of individual from Contractor notified:** MCM Welding Superintendent, Chris Smith**Time and method of notification:** 0330**Name of Caltrans Engineer notified:** Hassan Ibrahim**Time and method of notification:** 0400 verbal notification**QC Inspector's Name:** Joe Knoblauch**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

Unknown

**Comments:**

This report is for the purpose of determining 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 Mohammad Fatemi, who represents the Office of Structural Materials for your project.

**Inspected By:** Garcia, Mike**Reviewed By:** Levell, Bill

QA

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Contract #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** SFOBB/OTD**Report No:** NCS-000033**Prime Contractor:** MCM Construction, Inc.**Date:** 06-Mar-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000046**Type of problem:**

<b>Welding</b>	<b>Concrete</b>	<b>Other</b>	
<b>Welding</b>	<b>Curing</b>	<b>Procedural</b>	<b>Bridge No:</b> 34-0006
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b>
<b>Procedural</b>	<b>Procedural</b>	<b>Descriptor:</b>	

**Date the Non-Conformance Report was written:** 25-Feb-2008**Description of Non-Conformance:**

The QA Inspector observed and noted no QC present to monitor the splice welding at E18L-3 from 0230 to 0330. The QA Inspector noted the QC Inspector Joe Knoblauch was involved with providing coverage at location E19L (Welding of the Shear Keys).

**Contractor's proposal to correct the problem:**

Unknown at the time of discovery.

**Corrective action taken:**

The contractor has issued an internal non conformance report dated 2/25/08 referencing State letter 05.03. 01-000526. The contractor's response and proposal is to add additional inspectors when the pile splice and shear key assembly welding is taking place simultaneously.

**Did corrective action require Engineer's approval?** Yes No**If so, name of Engineer providing approval:** **Date:****Is Engineer's approval attached?** Yes No**Comments:**

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**Inspected By:** Foerder, Michael

Quality Assurance Inspector

**Reviewed By:** Levell, Bill

QA Reviewer