

**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:** Job site**Report No:** NCR-000087**Prime Contractor:** MCM Construction, Inc.**Date:** 13-May-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000087**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> E-21L shear ring 11 of 24
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b>	un approved welder performing production welding

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

The QA Inspector observed MCM Welder, Albert Esparza performing shielded metal arc welding (SMAW) tack welds attaching the steel backing to E-21L shear ring designated 11 of 24. The QA Inspector observed and noted the welders SMAW certifications had not been submitted or approved as of 5/13/08.

**Applicable reference:**

Caltrans Special Provisions section 8-3

**Who discovered the problem:** Caltrans QA Inspector Rick Bettencourt**Name of individual from Contractor notified:** MCM Welding Superintendent Chris Smith**Time and method of notification:** 1130 via phone conversation**Name of Caltrans Engineer notified:** Caltrans Assistant Structures Representative Mark Baker**Time and method of notification:** 1135 via phone conversation**QC Inspector's Name:** Kevin Scrivner**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:** Bettencourt, Rick**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:** Job site**Report No:** NCS-000083**Prime Contractor:** MCM Construction, Inc.**Date:** 13-Jun-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000087**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>Description:</b>	

**Date the Non-Conformance Report was written:** 13-May-2008**Description of Non-Conformance:**

The QA Inspector observed MCM Welder, Albert Esparza performing shielded metal arc welding (SMAW) tack welds attaching the steel backing to E-21L shear ring designated 11 of 24. The QA Inspector observed and noted the welders SMAW certifications had not been submitted or approved as of 5/13/08.

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

Remove the tack welds.

**Corrective action taken:**

The tack welds were removed and the welder was counseled (reference MCM-SUB-582R1).

**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:** Levell, Bill

Quality Assurance Inspector

**Reviewed By:** Fatemi, Mohammad

QA Reviewer