

**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-000025**Prime Contractor:** MCM Construction, Inc.**Date:** 16-Jan-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000025**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> 1.8 meter CISS Pile, E-19-L1
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b>	Unapproved welder performing production welding

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

The QA Inspector observed MCM Welder, Lorenzo Cisneros performing flux cored arc welding (FCAW) of complete joint penetration (CJP) weld splice on pile E-19L-1. The QA Inspector observed and noted the welders certifications had not been submitted or approved as of 1/16/08.

**Applicable reference:**

Caltrans Special Provisions Section 8-3

**Who discovered the problem:** QA Inspector Dan Smith**Name of individual from Contractor notified:** Down Kelly**Time and method of notification:** 2230, verbal notification**Name of Caltrans Engineer notified:** Jody McCoy**Time and method of notification:** 1/1708, 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:** Smith, Danny**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-000023**Prime Contractor:** MCM Construction, Inc.**Date:** 05-Mar-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000025**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:** 16-Jan-2008**Description of Non-Conformance:**

The QA Inspector observed MCM Welder, Lorenzo Cisneros performing flux cored arc welding (FCAW) of complete joint penetration (CJP) weld splice on pile E-19L-1. The QA Inspector observed and noted the welder certifications had not been submitted or approved as of 1/16/08.

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

See below in corrective action taken.

**Corrective action taken:**

MCM Welding Superintendent Chris Smith submitted the required welding certifications for Caltrans METS review. The welding certifications were reviewed and approved for welding on the 04-0120L4 contract after discovery of the contractor's oversight.

**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:** Bettencourt, Rick

Quality Assurance Inspector

**Reviewed By:** Levell, Bill

QA Reviewer