

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-000041**Prime Contractor:** MCM Construction, Inc.**Date:** 25-Feb-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000041**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: E-19L Shear Keys
Procedural	Procedural	Description: Lapse in QC coverage exceeding 30 minutes	

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

The QA Inspector observed and noted Critical Weld Inspection (CWI) Quality Control (QC) Inspector, Joselito Lizardo did not monitor each welding operation or location within the 30 minute requirement per the Caltrans Special Provisions. The QA Inspector noted a lapse in coverage of the in process welding of E-19L shear rings, exceeded one hour. This happened on multiple occasions throughout the duration of the shift.

Applicable reference:

Caltrans Special Provisions section 8-3 (Welding Quality Control)

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:** 1500 via phone conversation**Name of Caltrans Engineer notified:** Caltrans Assistant Structures Representative Mark Baker**Time and method of notification:** 1400 in person**QC Inspector's Name:** Joselito Lizardo**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-000028**Prime Contractor:** MCM Construction, Inc.**Date:** 05-Mar-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000041**Type of problem:**

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

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

The QA Inspector observed and noted Critical Weld Inspection (CWI) Quality Control (QC) Inspector, Joselito Lizardo did not monitor each welding operation or location within the 30 minute requirement per the Caltrans Special Provisions. The QA Inspector noted a lapse in coverage of the in process welding of E-19L shear rings, exceeded one hour. This happened on multiple occasions throughout the duration of the shift.

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 for this issue dated 2/25/08 referencing State Letter 05.03.01-000526. The contractors' response and proposal is to add additional inspectors to provide adequate coverage when welding operations include the pile splicing and the shear key assemblies.

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