

**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-000040**Prime Contractor:** MCM Construction, Inc.**Date:** 13-Feb-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000040**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
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b> Unsafe working conditions	

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

During the QA Inspector's visual inspections of the shear keys at E-20L, the QA Inspector observed unsafe working conditions. The QA Inspector observed the contractor removing structural girders from the inside of the coffer dam at E-20L and flying them over the heads of Caltrans QA and MCM welding personnel. The QA Inspector informed the MCM Pile Driving Superintendent Randy Nottngel of the unsafe conditions.

**Applicable reference:**

Caltrans Standard Specifications, Section 7-1.06

**Who discovered the problem:** Caltrans QA Inspector Rick Bettencourt**Name of individual from Contractor notified:** MCM Pile Driving Superintendent Randy Nottngel**Time and method of notification:** 1000 in person**Name of Caltrans Engineer notified:** Caltrans Structure Materials Representative Mohammad Fatemi**Time and method of notification:** 1300 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-000067**Prime Contractor:** MCM Construction, Inc.**Date:** 08-May-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000040**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-Feb-2008**Description of Non-Conformance:**

During the QA Inspector's visual inspections of the shear keys at E-20L, the QA Inspector observed unsafe working conditions. The QA Inspector observed the contractor removing structural girders from the inside of the coffer dam at E-20L and flying them over the heads of Caltrans QA and MCM welding personnel. The QA Inspector informed the MCM Pile Driving Superintendent Randy Nottngel of the unsafe conditions.

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

Unknown

**Corrective action taken:**

MCM has spoken with the foreman, operators and superintendent. All personnel shall clear the area when loads are being flown overhead. The foreman will make sure that everyone is out of the way prior to picking heavy loads. Reference MCM Submittal 417 rev.0

**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