

**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-000088**Prime Contractor:** MCM Construction, Inc.**Date:** 12-May-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000088**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 E22L-1 Pile Splice Weld
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b> NDT - Ultrasonic Testing	

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

The QC inspector overlooked a class A rejectable indication during the ultrasonic testing review of the complete joint penetration weld splice for pier E22L-Pile 1 at location mark 110.

**Applicable reference:**

AWS D1.1 Table 6.2 (Statically loaded)

**Who discovered the problem:** Quality Assurance Inspector Michael Foerder**Name of individual from Contractor notified:** Night shift foreman Jason Marquez and QC Inspector Joe Knoblauch**Time and method of notification:** Verbal at approximately 2400**Name of Caltrans Engineer notified:** Caltrans Assistant Structures Representative, Mark Baker**Time and method of notification:** 1200 on 5-13-08 via telephone**QC Inspector's Name:** Kevin Scrivner**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

None at this time.

**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:** Foerder, Michael**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-000084**Prime Contractor:** MCM Construction, Inc.**Date:** 13-Jun-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000088**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:** 12-May-2008**Description of Non-Conformance:**

The QC inspector overlooked a class A rejectable indication during the ultrasonic testing review of the complete joint penetration weld splice for pier E22L-Pile 1 at location mark 110.

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

The area will be re-tested by QC.

**Corrective action taken:**

The area was re-tested by QC and confirmed by QC. The rejectable indication was removed and repaired by welding (reference MCM-SUB-583R1).

**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