

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-000031**Prime Contractor:** MCM Construction, Inc.**Date:** 23-Jan-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000031**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: 1.8m CISS Pile
Procedural	Procedural	Description: QC overlooked rejectable UT indication.	

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

The QA Inspector performed Ultrasonic Testing of Complete Joint Penetration Splice weld on CISS pile designated E19-L5. A class A rejectable indication was discovered by the QA Inspector at location (measurements taken from Y datum) 219". The QC Inspector Kevin Scrivner did not discover the rejectable indication during his 100% full volumetric testing.

Applicable reference:

AWS D1.1-06 Table 6.2

Who discovered the problem: Caltrans QA Inspector William Clifford.**Name of individual from Contractor notified:** MCM Welding Superintendent Chris Smith.**Time and method of notification:** 1700 in person.**Name of Caltrans Engineer notified:** Caltrans Assistant Structures Materials Representative Mark Baker.**Time and method of notification:** 1730 in person.**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: Clifford, William**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-000054**Prime Contractor:** MCM Construction, Inc.**Date:** 15-Apr-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000031**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: 23-Jan-2008**Description of Non-Conformance:**

The QA Inspector performed Ultrasonic Testing of Complete Joint Penetration Splice weld on CISS pile designated E19-L5. A class A rejectable indication was discovered by the QA Inspector at location (measurements taken from Y datum) 219". The QC Inspector Kevin Scrivner did not discover the rejectable indication during his 100% full volumetric testing.

Contractor's proposal to correct the problem:

The rejectable ultrasonic testing indication discovered by the QA Inspector will be verified by QC and the area will be excavated and repaired.

Corrective action taken:

The rejectable ultrasonic testing indication discovered by the QA Inspector was indicated directly on the weld. The contractor elected to excavate and repair the area after the QC Inspector re-tested the area and concurred with the QA inspectors findings. The rejectable indication was removed, re-welded and re-tested.

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