

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 #: 1x.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: job site**Report No:** NCR-000076**Prime Contractor:** MCM Construction, Inc.**Date:** 22-Apr-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000076**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 Inspector missing rejectable indications	

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

The QA Inspector performed random ultrasonic test verification on the complete joint penetration butt splice weld of the pile identified as pile E21L-1 after QC Inspector Kevin Scrivner reported the weld acceptable and ready for verification. The QA Inspector observed one rejectable welding discontinuity indication not reported by QC Inspector Kevin Scrivner.

6.26.8 Basis for Acceptance or Rejection. Each weld discontinuity shall be accepted or rejected on the basis of its indication rating and its length, in conformance with Table 6.2 for statically loaded structures.

Class "A". Any weld discontinuity indication in this category shall be rejectable regardless of length. Each weld discontinuity shall be accepted or rejected on the basis of its indication rating and its length in accordance with AWS D1.1, 2006 - Table 6.2.

Applicable reference:

AWS D1.1, 2006, Table 6.2

Who discovered the problem: Quality Assurance Inspector (QA) Ricardo Medina.**Name of individual from Contractor notified:** QC Inspector Joe Knoblauch**Time and method of notification:** 0630 hours, by verbal notification.**Name of Caltrans Engineer notified:****Time and method of notification:** 0630 hours, by verbal notification.**QC Inspector's Name:** Kevin Scrivner**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

None as of 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

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

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concerning repairs or remedial efforts please contact Mohammad Fatemi, who represents the Office of Structural Materials for your project.

Inspected By: Medina,Ricardo

METS-OSM QA Inspector

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-000080**Prime Contractor:** MCM Construction, Inc.**Date:** 12-Jun-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000076**Type of problem:**

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

Date the Non-Conformance Report was written: 22-Apr-2008**Description of Non-Conformance:**

The QA Inspector performed random ultrasonic test verification on the complete joint penetration butt splice weld of the pile identified as pile E21L-1 after QC Inspector Kevin Scrivner reported the weld acceptable and ready for verification. The QA Inspector observed one rejectable welding discontinuity indication not reported by QC Inspector Kevin Scrivner.

6.26.8 Basis for Acceptance or Rejection. Each weld discontinuity shall be accepted or rejected on the basis of its indication rating and its length, in conformance with Table 6.2 for statically loaded structures.

Class "A". Any weld discontinuity indication in this category shall be rejectable regardless of length. Each weld discontinuity shall be accepted or rejected on the basis of its indication rating and its length in accordance with AWS D1.1, 2006 - Table 6.2.

Contractor's proposal to correct the problem:

The contractor suggested that they would take additional time and discretion in evaluating the basis for acceptance or rejection of the complete joint penetration horizontal groove welds.

Corrective action taken:

The rejectable indication was excavated, re-welded and ultrasonic testing was performed. (Reference MCM_SUB_000563_R01)

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:**

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, (916) 813-3677, who represents the Office of Structural Materials for your project.

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

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Inspected By: Levell,Bill

Quality Assurance Inspector

Reviewed By: Fatemi,Mohammad

QA Reviewer
