

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 - Footing E18-R**Report No:** NCR-000108**Prime Contractor:** MCM Construction, Inc.**Date:** 15-Aug-2008**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000108**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Pile #4 & #7
Procedural	Procedural	Description: Loss of Preheat	

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

The QA inspector noted Loss of Heat (LOH) on the Shear Lug welding on piles E18R-Piles #4 & #7. MCM construction did not maintain the minimum required preheat of 225 F degrees continuously. The entire coffer dam area was flooded with about 12" to 24" inches of water due to a pumping problem.

Applicable reference:

AWS D1.1, table 3.2 Category C & Special Provisions Section J of Steel Pipe Piling

Who discovered the problem: QA Kevin Carpenter**Name of individual from Contractor notified:** QC David Aultman**Time and method of notification:** 0800 hrs. by verbal notification**Name of Caltrans Engineer notified:** Mark Baker**Time and method of notification:** 0900 hrs. by verbal notification 8/15/08**QC Inspector's Name:** David Aultman**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:****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 , who represents the Office of Structural Materials for your project.

Inspected By: Estabrook, James**Reviewed By:** Fatemi, Mohammad

Structural Materials Rep

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 #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Job Site - Footing E18-R**Report No:** NCS-000109**Prime Contractor:** MCM Construction, Inc.**Date:** 03-Feb-2009**Submitting Contractor:** MCM Construction, Inc.**NCR #:** NCR-000108**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: 15-Aug-2008**Description of Non-Conformance:**

The QA inspector noted Loss of Heat (LOH) on the Shear Lug welding on piles E18R-Piles #4 & #7. MCM construction did not maintain the minimum required preheat of 225 F degrees continuously. The entire coffer dam area was flooded with about 12" to 24" inches of water due to a pumping problem.

Contractor's proposal to correct the problem:

See submittal MCM-SUB-000902

Corrective action taken:

See submittal MCM-SUB-000902

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 Anthony Mullen, (510) 414-6904, who represents the Office of Structural Materials for your project.

Inspected By: Estabrook, James

Quality Assurance Inspector

Reviewed By: Mullen, Tony

QA Reviewer