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 #: 04-0120L4
Cty: SF/ALA Rte: 80 PM: 1.6/2.7
File #: 1.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Job site
Prime Contractor: MCM Construction, Inc.
Submitting Contractor: MCM Construction, Inc.

Report No: NCR-000047
Date: 26-Feb-2008
NCR #: NCR-000047

Type of problem:

Welding	☑	**Concrete**	☐	**Other**	☐	
Welding	☐	**Curing**	☐	**Procedural**	☐	**Bridge No:** 34-0006
Joint fit-up	☐	**Coating**	☐	**Other**	☐	**Component:** 1.8 meter CISS piles E-18L-2, E-18L-3
Procedural	☑	**Procedural**	☐	**Description:** Lapse in QC coverage exceeding 30 minutes		

Reference Description:

Description of Non-Conformance:

The QA Inspector observed and noted Critical Weld Inspection (CWI) Quality Control (QC) Inspector, Kevin Scrivner did not monitor each welding operation or location within the 30 minute requirement per the Caltrans Special Provisions. The QA Inspector noted a lapse in coverage of the in process welding of E-19L shear rings, exceeded one hour. This happened on multiple occassions throughout the duration of the shift.

Applicable reference:

Caltrans Special Provisions Section 8-3 (Welding Quality Control)

Who discovered the problem: Caltrans QA Inspector Rick Bettencourt

Name of individual from Contractor notified: MCM Welding Superintendent Chris Smith

Time and method of notification: 1400 via phone conversation

Name of Caltrans Engineer notified: Caltrans Assistant Structures Representative Mark Baker

Time and method of notification: 1200 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: Bettencourt,Rick

Reviewed By: Levell,Bill QA

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File #: xx.25A

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

Location: Job site
Prime Contractor: MCM Construction, Inc.
Submitting Contractor: MCM Construction, Inc.

Report No: NCS-000036
Date: 06-Mar-2008
NCR #: NCR-000047

Type of problem:

Welding	☑	**Concrete**	☐	**Other**	☐	
Welding	☐	**Curing**	☐	**Procedural**	☐	**Bridge No:** 34-0006
Joint fit-up	☐	**Coating**	☐	**Other**	☐	**Component:**
Procedural	☑	**Procedural**	☐	**Descripton:**		

Date the Non-Conformance Report was written: 26-Feb-2008

Description of Non-Conformance:

The QA Inspector observed and noted Critical Weld Inspection (CWI) Quality Control (QC) Inspector, Kevin Scrivner did not monitor each welding operation or location within the 30 minute requirement per the Caltrans Special Provisions. The QA Inspector noted a lapse in coverage of the in process welding of E-19L shear rings, exceeded one hour. This happened on multiple occassions throughout the duration of the shift.

Contractor's proposal to correct the problem:

Unknown at the time of dicovery.

Corrective action taken:

The contractor has issued an internal non conformance report dated 2/26/08 referencing State letter 05.03. 01-000526. The contractor's response and proposal is to add additional inspectors when the pile splice and shear key assembly welding is taking place simultaneously.

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:	Foerder,Michael	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer