

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 #: 77.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Twin Brothers Marine Inc. Port of West St Mary, LA**Report No:** NCR-000064**Prime Contractor:** MCM Construction, Inc.**Date:** 28-Mar-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000064**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: 1.8M CISS Piles
Procedural	Procedural	Description: Machine's AC Amp gauge not working while welding	

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

The QA Inspector observed and noted the AC amperage gauge at station 3D was not working while the filler passes were in progress with dual electrodes on the outside diameter longitudinal seam weld for the 55mm thick steel casing segment identified as BD-20. Due to the accessibility these gauges are used by the QC for readings. The QA Inspector informed Quality Testing and Inspection Incorporated (QITI) QC Inspector Dewey Holden of the problem. The QA Inspector noted no corrective action was taken to fix the problem until 1 hour later.

Applicable reference:**Who discovered the problem:** Mike Garcia**Name of individual from Contractor notified:** TBM welding foremans Mitchell Lee and Leroy Savoire Jr.**Time and method of notification:** March 28-2008 verbal notification**Name of Caltrans Engineer notified:** Mohammad Fatemi**Time and method of notification:** March 28-2008 verbal notification**QC Inspector's Name:** Dewey Holden**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

The contractor at 2130 shut down welding operations at station 3D to perform repair work to the AC welding gauge.

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: Garcia, Mike

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

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Reviewed By: Wright,Mark

QA Inspector

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Contract #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Twin Brothers Marine Inc. Port of West St Mary, LA**Report No:** NCS-000044**Prime Contractor:** MCM Construction, Inc.**Date:** 10-Apr-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000064**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: 28-Mar-2008**Description of Non-Conformance:**

The QA Inspector observed and noted the AC amperage gauge at station 3D was not working while the filler passes were in progress with dual electrodes on the outside diameter longitudinal seam weld for the 55mm thick steel casing segment identified as BD-20. Due to the accessibility these gauges are used by the QC for readings. The QA Inspector informed Quality Testing and Inspection Incorporated (QITI) QC Inspector Dewey Holden of the problem. The QA Inspector noted no corrective action was taken to fix the problem until 1 hour later.

Contractor's proposal to correct the problem:

The contractor at 2130 shut down welding operations at station 3D to perform repair work to the AC welding gauge.

Corrective action taken:

See MCM Submittal 515.

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: Madere, Mary

Quality Assurance Inspector

Reviewed By: Wright, Mark

QA Reviewer