

**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:** Port of West St. Mary, LA**Report No:** NCR-000032**Prime Contractor:** MCM Construction, Inc.**Date:** 30-Jan-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000032**Type of problem:**

<b>Welding</b>	<b>Concrete</b>	<b>Other</b>	
<b>Welding</b>	<b>Curing</b>	<b>Procedural</b>	<b>Bridge No:</b> 34-0006
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b> Can Section TG-144
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b> Failure to seek Engineering approval	

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

The Caltrans Quality Assurance (QA) Inspector observed Twin Brothers Marine (TBM) welder Mr. Byron Toups as he used an air carbon arc gouger to remove approximately 930 millimeters of a crack in the stringer pass in the longitudinal weld seam identified as TG-144 without notifying Quality Control (QC) personnel or QA and without seeking Engineering approval.

**Applicable reference:**

AWS D1.1-2006, Sections 5.26.1.4 and 5.26.3

**Who discovered the problem:** Caltrans QA Inspector Mary Madere**Name of individual from Contractor notified:** Raymond Vilchis**Time and method of notification:** Verbal with Mr. Vilchis at approximately 1130 hours**Name of Caltrans Engineer notified:** Mohammad Fatemi**Time and method of notification:** Verbal with Mr. Fatemi at approximately 1300 hours**QC Inspector's Name:** Joe Vicars**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

Unknown at 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 concerning repairs or remedial efforts please contact Mohammad Fatemi (916) 813-3677, who represents the Office of Structural Materials for your project.

**Inspected By:** Madere, Mary

QA Inspector

**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:** Port of West St. Mary, LA**Report No:** NCS-000041**Prime Contractor:** MCM Construction, Inc.**Date:** 07-Apr-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000032**Type of problem:**

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

**Date the Non-Conformance Report was written:** 30-Jan-2008**Description of Non-Conformance:**

The Caltrans Quality Assurance (QA) Inspector observed Twin Brothers Marine (TBM) welder Mr. Byron Toups as he used an air carbon arc gouger to remove approximately 930 millimeters of a crack in the stringer pass in the longitudinal weld seam identified as TG-144 without notifying Quality Control (QC) personnel or QA and without seeking Engineering approval.

**Contractor's proposal to correct the problem:**

Unknown at this time.

**Corrective action taken:**

See MCM Submittal 453R01

**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