

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-000050**Prime Contractor:** MCM Construction, Inc.**Date:** 28-Feb-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000050**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: pile can number BA-461 and BA-458
Procedural	Procedural	Description:	

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

The Quality Assurance Inspector, Raymond Lara observed Twin Brothers Marine perform submerged arc welding on longitudinal weld seam on pile can number BA-461 without the presences of Quality Control. The Quality Assurance Inspector informed both Corpac Representative, Raymundo Vilchis and Quality Inspection and Testing Quality Control Inspector, Joe Vicars. Mr. Vilchis informed the Quality Assurance Inspector, he informed TBM not to weld in Mill 3 because there be no Quality Control Inspector inside Mill 3 to monitor the production welding in Mill 3. TBM proceed to weld the longitudinal weld seam without Quality Control coverage. The Quality Assurance Inspector observed the longitudinal weld seam to be 50 percent completed.

Applicable reference:

Caltrans Special Provisions Section 8.3

Who discovered the problem: Quality Assurance Inspector Raymond Lara**Name of individual from Contractor notified:** Corpac Rep. Raymundo Vilchis**Time and method of notification:** 1100 in person**Name of Caltrans Engineer notified:** Mohammad Fatemi**Time and method of notification:** 1200 by telephone**QC Inspector's Name:** Quality Control Inspector Joe Vicars**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

Corpac Rep. Raymundo Vilchis proposal to the Quality Assurance Inspector to remove the weld by performing carbon arc gouge and to repair the bevel by welding to bevel joint to acceptable dimensions.

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 REPORT

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Inspected By: Lara, Ray

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**Prime Contractor:** MCM Construction, Inc.**Submitting Contractor:** Twin Brothers Marine**Report No:** NCS-000021**Date:** 04-Mar-2008**NCR #:** NCR-000050**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: 28-Feb-2008**Description of Non-Conformance:**

The Quality Assurance Inspector, Raymond Lara observed Twin Brothers Marine perform submerged arc welding on longitudinal weld seam on pile can number BA-461 without the presences of Quality Control. The Quality Assurance Inspector informed both Corpac Representative, Raymundo Vilchis and Quality Inspection and Testing Quality Control Inspector, Joe Vicars. Mr. Vilchis informed the Quality Assurance Inspector, he informed TBM not to weld in Mill 3 because there be no Quality Control Inspector inside Mill 3 to monitor the production welding in Mill 3. TBM proceed to weld the longitudinal weld seam without Quality Control coverage. The Quality Assurance Inspector observed the longitudinal weld seam to be 50 percent completed.

Contractor's proposal to correct the problem:

Corpac Rep. Raymundo Vilchis proposal to the Quality Assurance Inspector to remove the weld by performing carbon arc gouge and to repair the bevel by welding to bevel joint to acceptable dimensions.

Corrective action taken:

TBM removed this weld in the presence of QA and Quality Inspection performed magnetic particle testing of the base metal prior to commencing welding.

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

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

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Reviewed By: Wright,Mark

QA Reviewer