

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 #: 7725B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Port of West St Mary**Report No:** NCR-000036**Prime Contractor:** MCM Construction, Inc.**Date:** 07-Feb-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000036**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: BD-45 to BA-59
Procedural	Procedural	Description: Unacceptable root gap welded.	

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

Pile cans BD-45 to BA-59 for pile T18L5-2 had excessive root gaps measuring from 6-7.5mm wide and between 6cm to 20cm long at three locations on the girth seam weld joint. The QA Inspector notified the QC Inspector Cary Benson. TBM night shift foreman replied to the QA Inspector, they are going to proceed with welding at this location without any further joint preparation and a gap of 3/4" would be acceptable.

Applicable reference:

WPS#PM-02-KK-Corpac, AWS Section 5.22.4.3 and RFI#241

Who discovered the problem: QA, Danny Smith**Name of individual from Contractor notified:** Byron Toups**Time and method of notification:** 2100/verbal**Name of Caltrans Engineer notified:** Mohammad Fatemi**Time and method of notification:** Following day/verbal**QC Inspector's Name:** Derek Ricks**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

None taken 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: Smith, Danny**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**Report No:** NCS-000040**Prime Contractor:** MCM Construction, Inc.**Date:** 07-Apr-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000036**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: 07-Feb-2008**Description of Non-Conformance:**

Pile cans BD-45 to BA-59 for pile T18L5-2 had excessive root gaps measuring from 6-7.5mm wide and between 6cm to 20cm long at three locations on the girth seam weld joint. The QA Inspector notified the QC Inspector Cary Benson. TBM night shift foreman replied to the QA Inspector, they are going to proceed with welding at this location without any further joint preparation and a gap of 3/4" would be acceptable.

Contractor's proposal to correct the problem:

None taken 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