

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



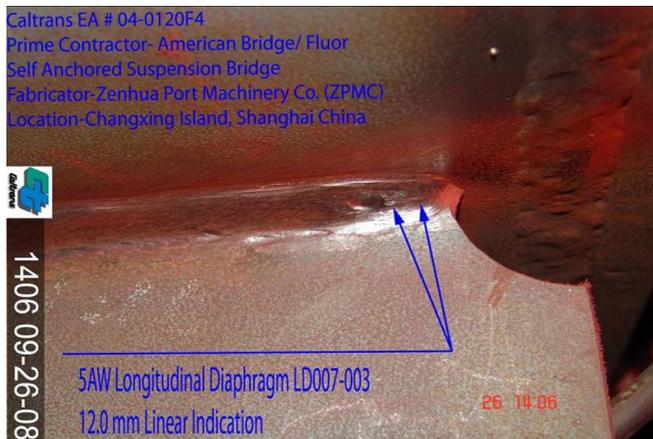
Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Changxing Island, Shanghai, PRC**Report No:** NCR-000202**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 26-Sep-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0180**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: OBG Deck Panels
Procedural	Procedural	Descriptor: 5AW LD 007-003	

Reference Description: AWS D1.5 2002**Description of Non-Conformance:**

Quality Assurance Inspector located a 12.0 mm linear indication by magnetic particle (MT) examination within the previously inspected and accepted weld area by ZPMC Quality Control Non Destructive Testing (NDT) personnel on longitudinal diaphragm LD007-003.

**Applicable reference:**

Section 6.5.7, AWS D1.5 2002 "The QA Inspector may view the making of NDT, examine and evaluate the test results, approve satisfactory welds, or reject unsatisfactory welds, approve satisfactory methods proposed by the Contractor for repairing unacceptable welds, and inspect the preparation and rewelding of unacceptable welds."

Who discovered the problem: Robert Vatcher, Quality Assurance Inspector**Name of individual from Contractor notified:** Peter Shaw, ABFJV**Time and method of notification:** 9/26/08;1300;Verbal**Name of Caltrans Engineer notified:** Ching Chao

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Time and method of notification: 9/30/08; 1015; Verbal

QC Inspector's Name: Wang Lu, ZPMC Quality Control

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

None 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 Ryan Smith, who represents the Office of Structural Materials for your project.

Inspected By:	Ishibashi,Josh	SMR
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Reviewed By:	Smith,Ryan	SMR
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Changxing Island, Shanghai, PRC**Report No:** NCS-000175**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 26-Dec-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0180**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: 26-Sep-2008**Description of Non-Conformance:**

Quality Assurance Inspector located a 12.0 mm linear indication by magnetic particle (MT) examination within the previously inspected and accepted weld area by ZPMC Quality Control Non Destructive Testing (NDT) personnel on longitudinal diaphragm LD007-003.

Contractor's proposal to correct the problem:

None at this time

Corrective action taken:

The contractor and fabricator had repaired the work within the same work shift.

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:**

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 Eric Tsang, +(86) 150.0042.2372, who represents the Office of Structural Materials for your project.

Inspected By: Tsang, Eric

Quality Assurance Inspector

Reviewed By: Wahbeh, Mazen

QA Reviewer