

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-000087**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 06-Mar-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0085**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:	OBG Deck Panels

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

Since the beginning of OBG deck panel production on 02-14-2008, the Contractor has been in violation of an agreement made with the Department regarding closed rib weld production monitoring tests (PMTs). In a series of meetings between 01-16-2008 and 02-15-2008, the Department and the Contractor established guidelines for the performance of and the acceptance criteria for the PMTs, as described in the references below. Violations of the agreement include the following:

1. Non-conformance to the established visual inspection method for determining overlap.
2. Non-conformance to the established acceptance criteria for ultrasonic testing.
3. Welding of two production panels without completing an acceptable PMT.

The references below represent the Contractor's understanding of the agreement.

Applicable reference:

ABF/JV document "Procedure for Monitoring of Production Welds Production Monitoring Test (PMT)"

ABF/JV document "CT/ABF OBG DP PMT Acceptance Meeting Minutes"

Who discovered the problem: Ady Velasco**Name of individual from Contractor notified:****Time and method of notification:****Name of Caltrans Engineer notified:****Time and method of notification:****QC Inspector's Name:****Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:****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 Patrick Lowry, 916-227-5719, who represents the Office

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

of Structural Materials for your project.

Inspected By: Lowry,Patrick

SMR

Reviewed By: Lowry,Patrick

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-000176**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 26-Dec-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0085**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: 06-Mar-2008**Description of Non-Conformance:**

Since the beginning of OBG deck panel production on 02-14-2008, the Contractor has been in violation of an agreement made with the Department regarding closed rib weld production monitoring tests (PMTs). In a series of meetings between 01-16-2008 and 02-15-2008, the Department and the Contractor established guidelines for the performance of and the acceptance criteria for the PMTs, as described in the references below. Violations of the agreement include the following:

1. Non-conformance to the established visual inspection method for determining overlap.
2. Non-conformance to the established acceptance criteria for ultrasonic testing.
3. Welding of two production panels without completing an acceptable PMT.

The references below represent the Contractor's understanding of the agreement.

Contractor's proposal to correct the problem:

N/A

Corrective action taken:

The fabricator and contractor had corrected the problem by performing the PMTs as required.

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: Tsang, Eric

Quality Assurance Inspector

Reviewed By: Wahbeh, Mazen

QA Reviewer