

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
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Shanghai, China**Report No:** NCR-000039**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 10-Dec-2007**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0038**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: OBG-Deck Mock-Up
Procedural	Procedural	Description:	

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

ABF visually inspected the deck plate mock up section before it was complete. The five closed rib bolt splice plates were not fastened to the ribs.

Applicable reference:

Section 10-1.59 'Steel Structures,' subsection 'Fabrication,' subsection 'Fabrication/Erection Procedure and Mock-Ups' of the Special Provisions, page 313: "Each mock-up shall comprise a complete fabrication of the specified detail as shown on the plans, but with member lengths that need not extend beyond the joint more than 0.5 m." Additionally under the same section and page, "The completed steel mock-up shall be examined visually and by UT ..."

Who discovered the problem: Alfredo Acuna**Name of individual from Contractor notified:****Time and method of notification:****Name of Caltrans Engineer notified:** Ady Velasco**Time and method of notification:** Email**QC Inspector's Name:** Steve Lawton**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 Patrick Lowry, 916-227-5719, who represents the Office 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:** Shanghai, China**Report No:** NCS-000025**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 14-Feb-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0038**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: 10-Dec-2007**Description of Non-Conformance:**

ABF visually inspected the deck plate mock up section before it was complete. The five closed rib bolt splice plates were not fastened to the ribs.

Contractor's proposal to correct the problem:

Bolting of OBG deck panel mock-up splice was witnessed by METS and accessibility was verified.

Corrective action taken:

Bolting of closed rib splice plates on deck panel mock-up has since been verified by QA.

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: Liu,Chengwen

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer