

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-000055**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 16-Jan-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0054**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006L/R
Joint fit-up	Coating	Other	Component: Tower-114m Mockup
Procedural	Procedural	Descriptor:	Upper and Lower Sections of the 114m Mockup

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

ABF allowed ZPMC to start milling operations on the tower mock up splice 114 M elevation upper and lower section without completing the ultrasonic testing inspection of the skin plate complete joint penetration groove welds at the corner connections.

Applicable reference:

ZPMC Tower Fabrication Procedure-114, pg FP-MUC-55, Step 19 and Special Provisions, pg 333, Iten 12

Who discovered the problem: Alfredo Acuna**Name of individual from Contractor notified:****Time and method of notification:****Name of Caltrans Engineer notified:** Ching Chao**Time and method of notification:** 1/25/08, Verbal**QC Inspector's Name:** Li Xiu Jang**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 of Structural Materials for your project.

Inspected By: Acuna,Alfredo

Quality Assurance Inspector

Reviewed By: Cuellar,Robert

QA Reviewer

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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-000087**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 24-Sep-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0054**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006L/R
Joint fit-up	Coating	Other	Component:
Procedural	Procedural	Descriptor:	

Date the Non-Conformance Report was written: 16-Jan-2008**Description of Non-Conformance:**

ABF allowed ZPMC to start milling operations on the tower mock up splice 114 M elevation upper and lower section without completing the ultrasonic testing inspection of the skin plate complete joint penetration groove welds at the corner connections.

Contractor's proposal to correct the problem:

None, NCR not issued to Contractor by Construction.

Corrective action taken:

ABF/ZPMC have been warned about deviating from the approved fabrication plan. METS will continue to observe during fabrication to determine if this issue is systemic, if it is METS will re-issue the NCR.

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: Ishibashi, Josh

Quality Assurance Inspector

Reviewed By: Smith, Ryan

QA Reviewer