

**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-000050**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 14-Jan-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0049**Type of problem:**

<b>Welding</b>	<b>Concrete</b>	<b>Other</b>	
<b>Welding</b>	<b>Curing</b>	<b>Procedural</b>	<b>Bridge No:</b> 34-0006 L/R
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b> Tower-77m Mockup
<b>Procedural</b>	<b>Procedural</b>	<b>Descriptor:</b>	

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

ABF allowed ZPMC to use an unapproved Certified Welding Inspector (CWI) to monitor work in-progress on the Tower 77-meter mock-up. The latest revision of the ZPMC WQCP (Addendum A-6) did not identify Mr. Xu Le Feng as an approved Quality Control inspector to work on the project.

**Applicable reference:**

Special Provisions, Section 8-3, pg. 152 "...an amended WQCP or addendum will be required for revisions to the WQCP, including but not limited to a revised WPS, additional welders, changes in NDT firms or procedures, QC...."

**Who discovered the problem:** Scott Croff**Name of individual from Contractor notified:****Time and method of notification:****Name of Caltrans Engineer notified:** Ching Chao, Structure Representative**Time and method of notification:** 1/16/08, Verbal**QC Inspector's Name:** Xu Le Feng**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:** Croff, Scott

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-000085**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 24-Sep-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0049**Type of problem:**

<b>Welding</b>	<b>Concrete</b>	<b>Other</b>	
<b>Welding</b>	<b>Curing</b>	<b>Procedural</b>	<b>Bridge No:</b> 34-0006 L/R
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b>
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b>	

**Date the Non-Conformance Report was written:** 14-Jan-2008**Description of Non-Conformance:**

ABF allowed ZPMC to use an unapproved Certified Welding Inspector (CWI) to monitor work in-progress on the Tower 77-meter mock-up. The latest revision of the ZPMC WQCP (Addendum A-6) did not identify Mr. Xu Le Feng as an approved Quality Control inspector to work on the project.

**Contractor's proposal to correct the problem:**

None, NCR was not issued to the Contractor by Construction.

**Corrective action taken:**

Team China has discussed this with the Contractor and reminded them of the requirements to only use personnel approved by the Department for Quality Control Inspections. Should this prove to be a systemic issue in the future, METS will elevate this issue write another non conformance report.

**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