

**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-000057**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 26-Jan-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0056**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
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b>
<b>Procedural</b>	<b>Procedural</b>	<b>Descriptor:</b>	Weekly Welding Report

**Description of Non-Conformance:**

The Contractor's Quality Control Manager did not include the welding of OBG Weld Trial #2 in the submitted Weekly Welding Report for the week that the weld trial welding was performed.

**Applicable reference:**

Special Provisions, Section 8-3.01 "WELDING", Subsection "WELDING QUALITY CONTROL", page 154:  
"The following items shall be included in a Welding Report that is to be submitted to the Engineer within 10 days following the performance of any welding: A. Reports of all visual weld inspections and NDT. B. ..."

**Who discovered the problem:** Chengwen Liu**Name of individual from Contractor notified:****Time and method of notification:****Name of Caltrans Engineer notified:** Ady Velasco**Time and method of notification:** 1500 hours VIA email**QC Inspector's Name:** Steve Lawton**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:** Lowry,Patrick

Quality Assurance Inspector

**Reviewed By:** Lowry,Patrick

QA Reviewer



**DEPARTMENT OF TRANSPORTATION**  
666 Feng Bin Road Room 708, Changxing Island  
Shanghai 201913 PR China  
Tel: 021-56856666 ext 207061 Fax:

## NON-CONFORMANCE REPORT TRANSMITTAL

**To:** American Bridge/Fluor Enterprises, a JV  
375 Burma Road  
Oakland CA 94607

**Date:** 13-Feb-2008

**Contract No:** 04-0120F4  
04-SF-80-13.2 / 13.9

**Attention:** Dave Williams          Consultant

**Job Name:** SAS Superstructure

**Document No:** 05.03.06-000028

**Subject:** NCR No. ZPMC-0056

The attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

Non-Conformance with quality control procedures. Please take appropriate corrective action. Recurrence may require further administrative action.

Non-Conformance with quality control. Records indicate that this is a recurring issue and constitutes a systematic problem in quality control. Within fourteen (14) days, please submit a plan to correct the deficiency.

Material or workmanship is not in compliance with contract requirements.

**Enclosed please find the following items:**

**NCR No:** ZPMC-0056

**Remarks:**

Please see attached Non-Conformance Report for details.

**Transmitted by:** Stanley Ku          Sr. Bridge Engineer

**cc:** Rick Morrow, Gary Pursell, Stanley Ku, Brian Boal, Jason Tom, Dave Williams

**File:** 05.03.06

## NCR PROPOSED RESOLUTION

**To:** CALTRANS - SAS Superstructure  
333 Burma Road  
Oakland CA 94607

**Attention:** Pursell, Gary  
Resident Engineer

**Ref:** 05.03.06-000028

**Subject:** NCR No. ZPMC-0056

**Dated:** 19-Aug-2008

**Contract No.:** 04-0120F4  
04-SF-80-13.2 / 13.9

**Job Name:** SAS Superstructure

**Document No.:** ABF-NPR-000082 **Rev:** 00

---

**Contractor's Proposed Resolution:**

**Reference Resolution:** The contractor acknowledges the requirement for the Welding Report to be submitted within 10 days.  
Please see attached.

**Submitted by:** Kanapicki, Charles  
**Attachment(s):** ABF-NPR-000082R00;

---

**Caltrans' comments:**

**Status:** CLO  
**Date:** 10-Sep-2008

The Contractor's response is acceptable. The Department concurs that Non-Conformance ZPMC-0056 is closed.

**Submitted by:** Wright, Doug  
**Attachment(s):**

**Date:** 10-Sep-2008



American  
Bridge

**FLUOR**

A JOINT VENTURE

August 19, 2008

Reply to: SL-ABF-08-0177

**Attention:** Gary Pursell

**Reference:** San Francisco Oakland Bay SAS Bridge Superstructure  
Caltrans Contract No. 04-0120F4  
ABF Job No. 660110

**Subject:** NCR# ZPMC-0056

Mr. Pursell:

This letter is issue to provide formal response addressing the proposed resolution to NCR# ZPMC-0056.

The contractor acknowledges the requirement for the Welding Report to be submitted within 10 days. Contract Change Order (CCO) 077 requires the activities documented within the Welding Report as well as other items to be consolidated on the spreadsheet specified within CCO77. This spreadsheet is then submitted as part of the Welding Report.

Every effort is being made to expedite the submittal process of all Welding Reports.

Please feel free to contact me directly if you require assistance or further clarification.

Sincerely,

Nate Lindell  
Quality Assurance Manager  
**AMERICAN BRIDGE / FLUOR JV**

cc: file

**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 #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Changxing Island, Shanghai, PRC**Report No:** NCS-000073**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 15-Sep-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0056**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
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b>
<b>Procedural</b>	<b>Procedural</b>	<b>Descriptor:</b>	

**Date the Non-Conformance Report was written:** 26-Jan-2008**Description of Non-Conformance:**

The Contractor's Quality Control Manager did not include the welding of OBG Weld Trial #2 in the submitted Weekly Welding Report for the week that the weld trial welding was performed.

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

The Contractor acknowledged the requirement for the Welding Report to be submitted within 10 days.

**Corrective action taken:**

The Contractor has been making effort to expedite the submittal process of all Welding Reports according to CCO 77.

**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 Ady Velasco, 011-86-138-1694-2685, who represents the Office of Structural Materials for your project.

**Inspected By:** Liu, Chengwen

Quality Assurance Inspector

**Reviewed By:** Velasco, Abifhram

QA Reviewer