

**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-000220**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 04-Dec-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0196**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> Paint
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b> Paint samples not furnished to the Jobsite	

**Reference Description:** Paint samples not furnished to the Jobsite in Oakland**Description of Non-Conformance:**

The Contractor has continued to blast and paint components of the SAS without supplying a check sample of the coating to the jobsite as required in section 91-1.02 of the standard provisions-1999.

**Applicable reference:**

Applicable reference: Standard Provisions, Sec. 91-1.02 SAMPLING AND TESTING, "Paint will be sampled at the place of manufacture as provided in Section 6-1.06, "Plant Inspection." In addition, an unopened container of each batch of paint shall be furnished to the Engineer at the job site for testing. Application will not be permitted until the job-sampled paint has been approved by the Engineer. Check samples of the paint as it is being applied will be taken at intervals determined by the Engineer.

Tests will be conducted in conformance with the latest test methods of the American Society for Testing and Materials, Federal Test Method Standard No. 141 and methods in use by the Transportation Laboratory."

**Who discovered the problem:** Caltrans Quality Assurance(QA), Mark Wright**Name of individual from Contractor notified:** ABF Quality Control Manager, Steve Lawton; Dan Raynor**Time and method of notification:** Weekly OBG Meeting, 4-Dec-08**Name of Caltrans Engineer notified:** Doug Coe, Stanley Ku**Time and method of notification:** Weekly OBG Meeting, 4-Dec-08**QC Inspector's Name:** Bill Oaks**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 Sang Le, +(86)1.381.615.4716, who represents the Office of Structural Materials for your project.

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# QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

( Continued Page 2 of 2 )

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<b>Inspected By:</b>	Dautermann,Peter	SMR
<b>Reviewed By:</b>	Dautermann,Peter	SMR

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**DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge**  
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, A JV  
375 BURMA ROAD  
OAKLAND CA 95607

**Date:** 04-Dec-2008

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

**Dear:** Mr. Charles Kanapicki

**Job Name:** SAS Superstructure

**Attention:** Mr. Dave Williams Consultant

**Document No:** 05.03.06-000188

**Subject:** NCR No. ZPMC-0196

**Reference Description:** Paint samples not furnished to the Jobsite in Oakland

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

- Material or Workmanship not in conformance with contract documents.
- Quality Control (QC) not performed in conformance with contract documents.
- Recurring QC issue that constitutes a systematic problem in quality control.
- Non-Conformance Resolved.

**Material Location:** OBG **Lift:**

**Remarks:**

The Contractor has continued to blast and paint components of the SAS without supplying a check sample of the coating to the jobsite as required in section 91-1.02 of the standard provisions-1999.

**Action Required and/or Action Taken:**

A response for the resolution of this issue is expected within 14 days.

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

**Attachments:** ZPMC-0196

**cc:** Rick Morrow, Gary Pursell, Brian Boal, Doug Coe, Jason Tom

**File:** 05.03.06

## NCR PROPOSED RESOLUTION

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

**Dated:** 18-Dec-2008

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

**Attention:** Pursell, Gary  
Resident Engineer

**Job Name:** SAS Superstructure

**Document No.:** ABF-NPR-000191 **Rev:** 00

**Ref:** 05.03.06-000188

**Subject:** NCR No. ZPMC-0196

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### Contractor's Proposed Resolution:

**Reference Resolution:** ZPMC/ABF have presented paint samples to CT at the jobsite in China. ZPMC requests this NCR be closed.

ABF does not agree with CT that Oakland is the Job site for fabrication and painting of the components being completed at ZPMC in Shanghai China. ZPMC/ABF have presented paint samples to CT at the jobsite in China. ZPMC requests this NCR be closed.

**Submitted by:**

**Attachment(s):** ABF-NPR-000191R00

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**Caltrans' comments:**

**Status:** REJ

**Date:** 08-Jan-2009

The proposed resolution is not acceptable.

The "job site" is San Francisco and Oakland California in accordance with the project limits and areas for Contractor use, as shown in the contract documents. Please deliver to the Resident Engineer's office at 333 Burma Road, Oakland CA, or alternatively, at the Contractor's option, the samples may be sent to the Department's lab in Sacramento.

**Submitted by:** Wright, Doug

**Date:** 09-Jan-2009

**Attachment(s):**

## NCR PROPOSED RESOLUTION

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

**Attention:** Pursell, Gary  
Resident Engineer

**Ref:** 05.03.06-000188

**Subject:** NCR No. ZPMC-0196

**Dated:** 11-Feb-2009

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

**Job Name:** SAS Superstructure

**Document No.:** ABF-NPR-000191 **Rev:** 01

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**Contractor's Proposed Resolution:**

**Reference Resolution:** ZPMC/ABF have shipped paint samples to the USA

ZPMC/ABF have shipped paint samples to the USA and are in the process of receipt by CT in Sacramento. ZPMC requests this NCR be closed.

**Submitted by:**

**Attachment(s):** ABF-NPR-000191R01

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**Caltrans' comments:**

**Status:** CLO

**Date:** 19-Mar-2009

The proposed resolution is acceptable. The samples were shipped, and have been received in Sacramento. The Department concurs that Non-Conformance ZPMC-0196 is closed.

**Submitted by:** Wright, Doug

**Date:** 19-Mar-2009

**Attachment(s):**

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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-000189**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 13-Feb-2009**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0196**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:** 04-Dec-2008**Description of Non-Conformance:**

The Contractor has continued to blast and paint components of the SAS without supplying a check sample of the coating to the jobsite as required in section 91-1.02 of the standard provisions-1999.

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

The Contractor proposed shipment of check samples to Pier 7.

**Corrective action taken:**

The check samples were shipped and have been received by Translab.

**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 Eric Tsang, +(86) 150.0042.2372, who represents the Office of Structural Materials for your project.

**Inspected By:** Tsang, Eric **Quality Assurance Inspector****Reviewed By:** Wahbeh, Mazen **QA Reviewer**