

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-000212**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 04-Nov-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0188**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006 L/R
Joint fit-up	Coating	Other	Component: Paint
Procedural	Procedural	Description: Painting of Splice Plates	

Reference Description: No approval of paint product or paint facility before starting to blast and paint structural steel.

Description of Non-Conformance:

The Contractor has started to blast and paint structural steel without approval of the paint product or approval of the paint facility. The contractor has not submitted to date, the Manufacturing and Fabrication Self Qualification Audit (MFSQA) or requested an audit of the painting facility.

Applicable reference:

Standard Specifications Section 91 Paint, "Application will not be permitted until the job-sampled paint has been approved by the Engineer." Special Provisions, Sec. 8-4.01 AUDITS, "A Department audit will assess the accuracy of the manufacturer's or fabricator's responses to the questions in the MFSQA, and of the documentation provided regarding the manufacturer's or fabricator's quality control program."
Sec. 10-1.69 Clean and Paint Structural Steel

Who discovered the problem: Caltrans Quality Assurance(QA), Mark Wright**Name of individual from Contractor notified:** ABF Quality Control Engineer, Dan Raynor**Time and method of notification:** In person @ 1100 by Jim Merrill at weekly OBG Meeting**Name of Caltrans Engineer notified:** Stanley Ku**Time and method of notification:** In person @ 1100 by Jim Merrill at weekly OBG Meeting**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 Peter Dautermann, who represents the Office of Structural Materials for your project.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Inspected By: Dautermann,Peter

SMR

Reviewed By: Dautermann,Peter

SMR



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: 18-Nov-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: 05.03.06-000183

Subject: NCR No. ZPMC-0188

Reference Description: No approval of paint product or paint facility before starting to blast and paint structural steel.

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 started to blast and paint structural steel without approval of the paint product or approval of the paint facility. The contractor has not submitted to date, the manufacturing and Fabrication Self Qualification Audit (MFSQA) or requested an audit of the painting facility.

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-0188

cc: Rick Morrow, Gary Pursell, Brian Boal, Jason Tom

File: 05.03.06

NCR PROPOSED RESOLUTION

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

Dated: 24-Nov-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-000182 Rev: 00

Ref: 05.03.06-000183

Subject: NCR No. ZPMC-0188

Contractor's Proposed Resolution:

Reference Resolution: ZPMC is conducting painting in accordance with the submitted PQWP.

ZPMC has begun blasting and painting activities based on a managed risk. Paint samples have been submitted to the approved Laboratory in Shanghai. The Paint facility was approved in the original audit of ZPMC. ZPMC is conducting painting in accordance with the submitted PQWP.

Submitted by:

Attachment(s): ABF-NPR-000182R00

Caltrans' comments:

Status: CLO

Date: 19-Jan-2009

The audit for the new paint facility received a pass per State Letter No. 05.03.01-003194. The Department concurs that Non-Conformance ZPMC-0188 is closed.

Submitted by: Wright, Doug

Date: 21-Jan-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-000169**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 13-Jan-2009**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0188**Type of problem:**

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

Date the Non-Conformance Report was written: 04-Nov-2008**Description of Non-Conformance:**

The Contractor has started to blast and paint structural steel without approval of the paint product or approval of the paint facility. The contractor has not submitted to date, the Manufacturing and Fabrication Self Qualification Audit (MFSQA) or requested an audit of the painting facility.

Contractor's proposal to correct the problem:

Have MFSQA performed on new painting facility.

Corrective action taken:

MFSQA performed on new ZPMC paint facility. New facility approved per state Letter No. 05.03.01-003194.

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: Tsang, Eric

Quality Assurance Inspector

Reviewed By: Wahbeh, Mazen

QA Reviewer