

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

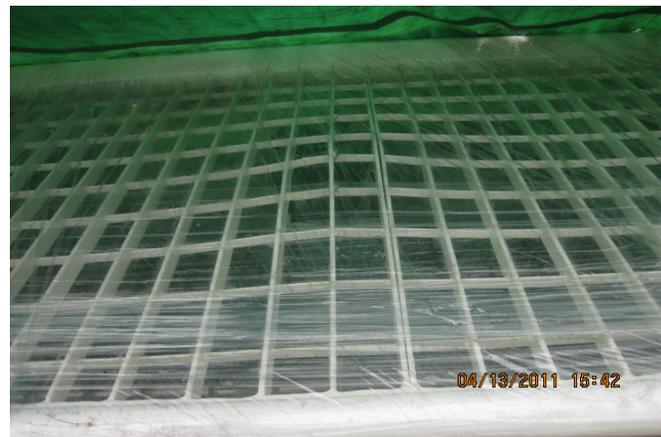
Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCR-000995**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 13-Apr-2011**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0953**Type of problem:****Welding****Concrete****Other****Welding****Curing****Procedural****Bridge No:** 34-0006**Joint fit-up****Coating****Other****Component:** Service Platform #4 Railing**Procedural****Procedural****Description:** Shipping and Handling Damage

Reference Description: QA Inspector observed handling and shipping damage on the OBG Service Platform #4 railing

Description of Non-Conformance:

During Quality Assurance (QA) random in-process visual inspection, this QA inspector discovered the following issues:

- The previously inspected and accepted Railing of the Service Platform SP#4 has been damaged.
- The damage noted is on the grating section of the service platform railing.
- It appears that the railing was damaged during loading and handling.
- The 40' Collapsible End Flat Rack Container on which the service platform is placed is identified as CCLU940000, model 40'FR4/03A.



QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)



Applicable reference:

Standard Specifications July, 1999 Section 55-1.04 Shipping, Handling and Storing Materials; "In handling and shipping of the steel work, every care shall be taken to avoid bending, scraping or overstressing the pieces. All pieces bent or otherwise injured will be rejected.

Who discovered the problem: S. Manjunath. Math.

Name of individual from Contractor notified: Xiao Jung Peng.

Time and method of notification: 15:40 hours, 04/13/11, Verbal.

Name of Caltrans Engineer notified: Sean Eagen

Time and method of notification: 11:00 hours, 04/14/11, Verbal

QC Inspector's Name: Gu Rong Jian.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Tsang, Eric	SMR
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Reviewed By:	Wahbeh, Mazen	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: 14-Apr-2011

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

Dear: Mr. Charles Kanapicki

Job Name: SAS Superstructure

Attention: Mr. Thomas Nilsson Project/Fabrication Manager

Document No: 05.03.06-000952

Subject: NCR No. ZPMC-0953

Reference Description: QA Inspector observed handling and shipping damage on the OBG Service Platform #4 railing

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: Serv Platform **Lift:** N/A

Remarks:

- During Quality Assurance (QA) random in-process visual inspection, this QA inspector discovered the following issues:
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 - The damage noted is on the grating section of the service platform railing.
 - It appears that the railing was damaged during loading and handling.
 - The 40' Collapsible End Flat Rack Container on which the service platform is placed is identified as CCLU940000, model 40'FR4/03A.

Action Required and/or Action Taken:

Propose resolutions for the identified non-conformance items and document that the various deficiencies have been brought in compliance with contract requirements. Also propose a resolution that addresses the apparent failure of Quality Control to identify the non-conformance with the appropriate Welding Procedure Specification (WPS). Provide documentation of the steps taken by the Quality Control Manager to prevent future occurrences.

The response for the resolution of this issue is requested within 7 days.

Transmitted by: Sean Eagen Transportation Engineer

Attachments: ZPMC-0953

cc: Rick Morrow, Peter Siegenthaler, Stanley Ku, Brian Boal, Contract Files, Ching Chao, Bill Casey

File: 05.03.06

NCR PROPOSED RESOLUTION

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

Attention: Siegenthaler, Peter
Resident Engineer

Ref: 05.03.06-000952

Subject: NCR No. ZPMC-0953

Dated: 17-May-2011

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000953 Rev: 00

Contractor's Proposed Resolution:

Reference Resolution:

Please see ZPMC response comments for NCR closure and provide the subject attached documents documenting objective evidence for NCR closure.

Submitted by: Lawton, Steve

Attachment(s): ABF-NPR-000953R00;

Caltrans' comments:

Status: CLO

Date: 17-May-2011

This proposed resolution is acceptable. The documentation received is sufficient and the Department concurs that Non-Conformance ZPMC-0953 is closed.

Submitted by: Eagen, Sean

Attachment(s):

Date: 17-May-2011



No. B-994

LETTER OF RESPONSE

TO: American Bridge/Flour

DATE: 2011-05-13

REGARDING: NCR-000995(ZPMC-0953)

ZPMC acknowledged this problem and has issued an internal NCR. ZPMC QA personnel have talked with the production person to address this issue. These damaged locations have been repaired and been inspected to be acceptable. ZPMC is providing the VT report to show these areas have been accepted by department's inspector. Based on this, please consider closure of this NCR.

ATTACHMENT:

NCR-000995(ZPMC-0953)

Visual Weld Inspection Report

A handwritten signature in black ink, appearing to read 'Zhang Wei', written in a cursive style.

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Contract #: 04-0120F4
 Cty: SF/ALA Rte: 80 PM: 13.2/13.9
 File #: 69.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Changxing Island, Shanghai, P.R. China

Report No: NCR-000995

Prime Contractor: American Bridge/Fluor Enterprises, a JV

Date: 13-Apr-2011

Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

NCR #: ZPMC-0953

Type of problem:

Welding Concrete Other

Welding Curing Procedural Bridge No: 34-0006

Joint fit-up Coating Other Component: Service Platform #4 Railing

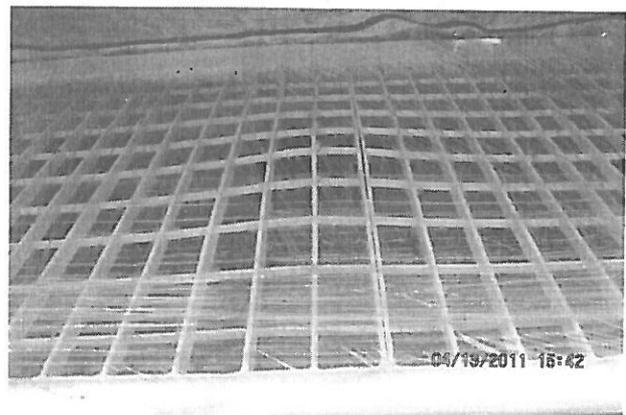
Procedural Procedural Description: Shipping and Handling Damage

Reference Description: QA Inspector observed handling and shipping damage on the OBG Service Platform #4 railing

Description of Non-Conformance:

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QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)



Applicable reference:

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Time and method of notification: 15:40 hours, 04/13/11, Verbal.

Name of Caltrans Engineer notified: Sean Eagen

Time and method of notification: 11:00 hours, 04/14/11, Verbal

QC Inspector's Name: Gu Rong Jian.

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

Comments:

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Inspected By:	Tsang, Eric	SMR
Reviewed By:	Wahbeh, Mazen	SMR



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To: AMERICAN BRIDGE/FLUOR, A JV
375 BURMA ROAD
OAKLAND CA 95607

Date: 14-Apr-2011

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

Dear: Mr. Charles Kanapicki

Job Name: SAS Superstructure

Attention: Mr. Thomas Nilsson Project/Fabrication Manager

Document No: 05.03.06-000952

Subject: NCR No. ZPMC-0953

Reference Description: QA Inspector observed handling and shipping damage on the OBG Service Platform #4 railing

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Material Location: Serv Platform **Lift:** N/A

Remarks:

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Action Required and/or Action Taken:

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The response for the resolution of this issue is requested within 7 days.

Transmitted by: Sean Eagen Transportation Engineer

Attachments: ZPMC-0953

cc: Rick Morrow, Peter Siegenthaler, Stanley Ku, Brian Boal, Contract Files, Ching Chao, Bill Casey

File: 05.03.06

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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, P.R. China**Report No:** NCS-000967**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 17-May-2011**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0953**Type of problem:**

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

Date the Non-Conformance Report was written: 13-Apr-2011**Description of Non-Conformance:**

During Quality Assurance (QA) random in-process visual inspection, this QA inspector discovered the following issues:

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- The damage noted is on the grating section of the service platform railing.
- It appears that the railing was damaged during loading and handling.
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Contractor's proposal to correct the problem:

Contractor will repair the damaged part on the grating and request QA for re-inspection and issue visual inspection report. ZPMC will remind workers to handle carefully.

Corrective action taken:

ZPMC repaired the damaged part and have the repair re-inspected by QA. Provided the visual inspection report which shows the repair is acceptable. ZPMC issued an internal NCR to the personnel involved.

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 Wahbeh, Mazen 811-297-0659, who represents the Office of Structural Materials for your project.

Inspected By: Ng, Michael

Quality Assurance Inspector

Reviewed By: Wahbeh, Mazen

QA Reviewer