

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-000691**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 27-Feb-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0658**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Segment 12AW and 12BW Floorbeam
Procedural	Procedural	Description:	

Reference Description: Free hand thermal cutting over 300mm in length without Engineer's approval
(Segment 12AW and 12BW FB)

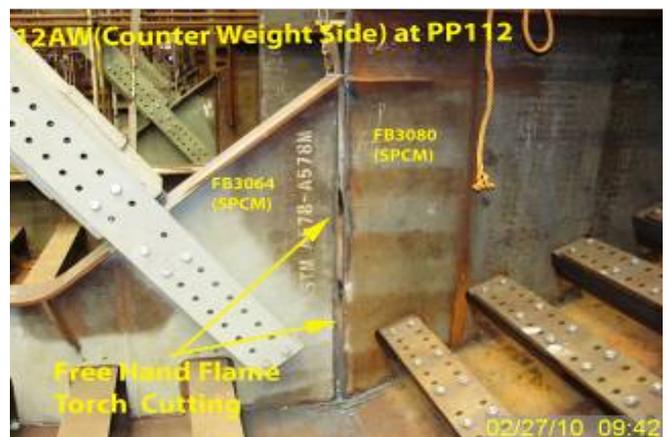
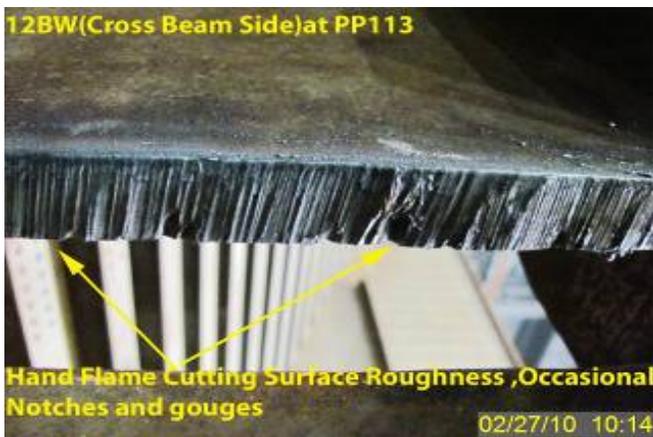
Description of Non-Conformance:

During Quality Assurance random in-process observations of the fabrication of segment 12AW and 12BW, this Quality Assurance Inspector (QA) discovered the following issue:

- ZPMC personnel have performed Free Hand Flame Cutting for more than 300mm in length at the locations listed.
- The approximate cut length for Floor Beam FB3072 plate number X3166D measured 1025mm from the Bottom Plate on panel point (PP) 111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3079 plate number X3207M measured 4700 mm from the Bottom Plate on PP111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3064 plate number X33267B (SPCM) measured 1500 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3080 plate number X3183D (SPCM) measured 4700 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3070 plate number X3166A measured 1025 mm from the Bottom Plate on PP112.5, Counter Weight side and 1025 mm from Bottom Plate on the Cross Beam side.
- The approximate cut length for Floor Beam FB3083 plate number X3207A measured 2000 mm from the Bottom Plate on PP112.5, Cross Beam side.
- The approximate cut length for Floor Beam FB3066 plate number X3267E measured 1500 mm from the Bottom Plate on PP113, Cross Beam side.
- The approximate cut length for Floor Beam FB3085 plate number X3181D measured 2000 mm from the Bottom Plate on PP113, Cross Beam side.
- All the Floor Beam plate materials listed above are less than 25mm in thickness.
- OBG Segment 12AW and 12BW are currently located inside of Bay 14.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 3)



Applicable reference:

Free Hand Flame Cutting Procedure Submittal Dated 01-27-09; Scope: 2.1 This procedure outlines the technique and process for flame cutting of material 25mm in thickness and up to 300mm in length when mechanical guides are not available.

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Liu Song

Time and method of notification: 1030 hours, 02-27-10, Verbal

Name of Caltrans Engineer notified: Bill Howe, Ching Chao

Time and method of notification: 1800 hours, 02-28-10, Email

QC Inspector's Name: Xu Tao

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

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, +(86) 134.7247.7571, who represents the Office of Structural Materials for your project.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 3 of 3)

Inspected By: Tsang, Eric

SMR

Reviewed By: Wahbeh, Mazen

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: 28-Feb-2010

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: 05.03.06-000648

Subject: NCR No. ZPMC-0658

Reference Description: Free hand thermal cutting over 300mm in length without Engineer's approval (Segment 12AW and 12BW FB)

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:** 12

Remarks:

During Quality Assurance random in-process observations of the fabrication of segment 12AW and 12BW, this Quality Assurance Inspector (QA) discovered the following issue:

- ZPMC personnel have performed Free Hand Flame Cutting for more than 300mm in length at the locations listed.
- The approximate cut length for Floor Beam FB3072 plate number X3166D measured 1025mm from the Bottom Plate on panel point (PP) 111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3079 plate number X3207M measured 4700 mm from the Bottom Plate on PP111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3064 plate number X33267B (SPCM) measured 1500 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3080 plate number X3183D (SPCM) measured 4700 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3070 plate number X3166A measured 1025 mm from the Bottom Plate on PP112.5, Counter Weight side and 1025 mm from Bottom Plate on the Cross Beam side.
- The approximate cut length for Floor Beam FB3083 plate number X3207A measured 2000 mm from the Bottom Plate on PP112.5, Cross Beam side.
- The approximate cut length for Floor Beam FB3066 plate number X3267E measured 1500 mm from the Bottom Plate on PP113, Cross Beam side.
- The approximate cut length for Floor Beam FB3085 plate number X3181D measured 2000 mm from the Bottom Plate on PP113, Cross Beam side.
- All the Floor Beam plate materials listed above are less than 25mm in thickness.
- OBG Segment 12AW and 12BW are currently located inside of Bay 14.

Please see attached NCR ZPMC No. 658 for details.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrence and for remedy the non-conformance to the Engineer for review. A response for the resolution of this issue is expected within 7 days.

NCT

(Continued Page 2 of 2)

Transmitted by: Ching Chao

Attachments: ZPMC-0658

cc: Rick Morrow, Gary Pursell, Stanley Ku, Ching Chao, Bill Howe

File: 05.03.06

NCR PROPOSED RESOLUTION

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

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000648

Subject: NCR No. ZPMC-0658

Dated: 02-Apr-2010

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000644 Rev: 00

Contractor's Proposed Resolution:

Reference Resolution: Prior to cutting a steel bar was attached to the web to serve as a guide for the cutting as seen in the pictures provided by ZPMC. This was not a case of free hand thermal cutting.

Prior to cutting a steel bar was attached to the web to serve as a guide for the cutting as seen in the pictures provided by ZPMC. This was not a case of free hand thermal cutting. Based on this ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000644R00;

Caltrans' comments:

Status: REJ

Date: 06-Apr-2010

The method as shown in the provided photos was not utilized at the locations noted in the NCR. The Contractor shall determine why free-hand flame cutting was performed in these areas and how to prevent future occurrences.

Submitted by: Eagen, Sean

Attachment(s):

Date: 06-Apr-2010



No. B-721

LETTER OF RESPONSE

TO: American Bridge/Flour

DATE: 2010-4-1

REGARDING: NCR-000691(ZPMC-0658)

ZPMC is clarifying that there is a misunderstanding with CT's representative. Attached photos show the cutting method what ZPMC used on site. One steel bar was fixed on the web of floor beam and the frame cutting operator was cutting the allowance along with this steel bar (guide plate). After confirmed with ABF QCM, this method should not be deemed to be free hand cutting. Please also be noticed, the cut areas have been confirmed to be allowance on webs and no damage was occurred on base metal. Based on this, ZPMC is requesting closure for this NCR.

ATTACHMENT:

NCR-000691(ZPMC-0658)

A handwritten signature in black ink, appearing to be 'L. J. Wu'.

4/1/10

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 #: 04-0120F4

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-000691

Prime Contractor: American Bridge/Fluor Enterprises, a JV

Date: 27-Feb-2010

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

NCR #: ZPMC-0658

Type of problem:

Welding Concrete Other Welding Curing Procedural Bridge No: 34-0006Joint fit-up Coating Other Component: Segment 12AW and 12BW FloorbeamProcedural Procedural Description:

Reference Description: Free hand thermal cutting over 300mm in length without Engineer's approval
(Segment 12AW and 12BW FB)

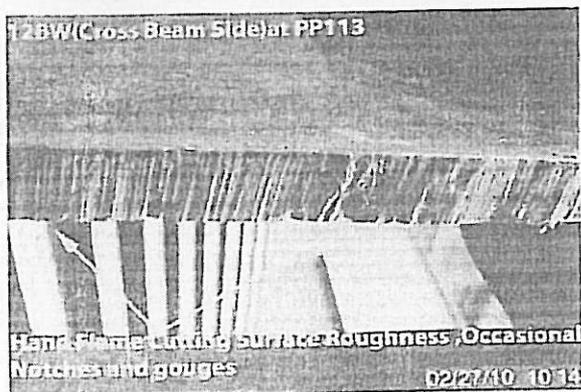
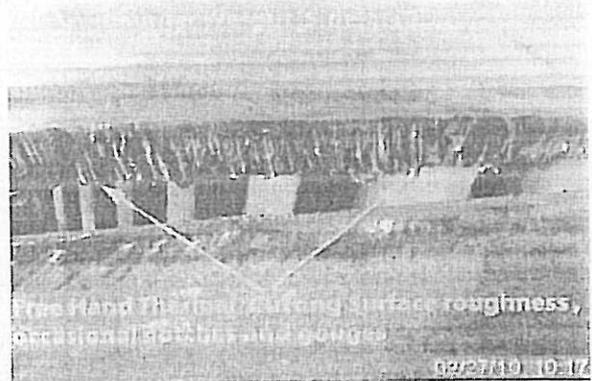
Description of Non-Conformance:

During Quality Assurance random in-process observations of the fabrication of segment 12AW and 12BW, this Quality Assurance Inspector (QA) discovered the following issue:

- ZPMC personnel have performed Free Hand Flame Cutting for more than 300mm in length at the locations listed.
- The approximate cut length for Floor Beam FB3072 plate number X3166D measured 1025mm from the Bottom Plate on panel point (PP) 111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3079 plate number X3207M measured 4700 mm from the Bottom Plate on PP111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3064 plate number X33267B (SPCM) measured 1500 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3080 plate number X3183D (SPCM) measured 4700 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3070 plate number X3166A measured 1025 mm from the Bottom Plate on PP112.5, Counter Weight side and 1025 mm from Bottom Plate on the Cross Beam side.
- The approximate cut length for Floor Beam FB3083 plate number X3207A measured 2000 mm from the Bottom Plate on PP112.5, Cross Beam side.
- The approximate cut length for Floor Beam FB3066 plate number X3267E measured 1500 mm from the Bottom Plate on PP113, Cross Beam side.
- The approximate cut length for Floor Beam FB3085 plate number X3181D measured 2000 mm from the Bottom Plate on PP113, Cross Beam side.
- All the Floor Beam plate materials listed above are less than 25mm in thickness.
- OBG Segment 12AW and 12BW are currently located inside of Bay 14.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 3)



Applicable reference:

Free Hand Flame Cutting Procedure Submittal Dated 01-27-09; Scope: 2.1 This procedure outlines the technique and process for flame cutting of material 25mm in thickness and up to 300mm in length when mechanical guides are not available.

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Liu Song

Time and method of notification: 1030 hours, 02-27-10, Verbal

Name of Caltrans Engineer notified: Bill Howe, Ching Chao

Time and method of notification: 1800 hours, 02-28-10, Email

QC Inspector's Name: Xu Tao

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

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, +(86) 134.7247.7571, who represents the Office of Structural Materials for your project.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 3 of 3)

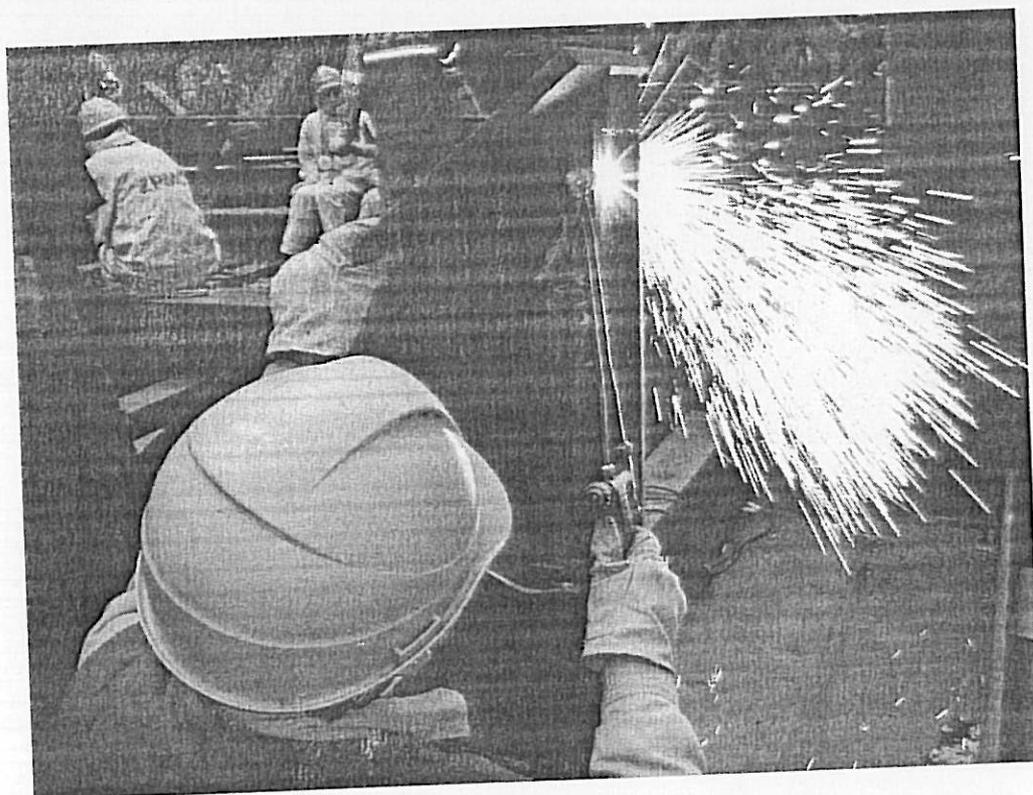
Inspected By: Tsang, Eric

SMR

Reviewed By: Wahbeh, Mazen

SMR

Before start frame cutting, a steel bar was fixed on web to work as the guide plate for frame cutting.



NCR PROPOSED RESOLUTION

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

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000648

Subject: NCR No. ZPMC-0658

Dated: 22-Jun-2010

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000644 Rev: 01

Contractor's Proposed Resolution:

Reference Resolution: ZPMC has ground the edges of the freehand cut plates and is providing photographs to show that the edges were acceptable prior to welding.

ZPMC has ground the edges of the freehand cut plates and is providing photographs to show that the edges were acceptable prior to welding. ZPMC QA has documented this non conformance in their own internal NCR and ensured the approved freehand thermal cutting procedure has been distributed to the relevant departments to prevent future occurrences. Based on this ZPMC request closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000644R01;

Caltrans' comments:

Status: CLO

Date: 27-Jun-2010

This proposed resolution is acceptable. The documentation received is sufficient and the Department concurs that Non-Conformance ZPMC-0658 is closed.

Submitted by: Eagen, Sean

Attachment(s):

Date: 27-Jun-2010



No. B-799

LETTER OF RESPONSE

TO: American Bridge/Flour

DATE: 2010-6-22

REGARDING: NCR-000691(ZPMC-0658)

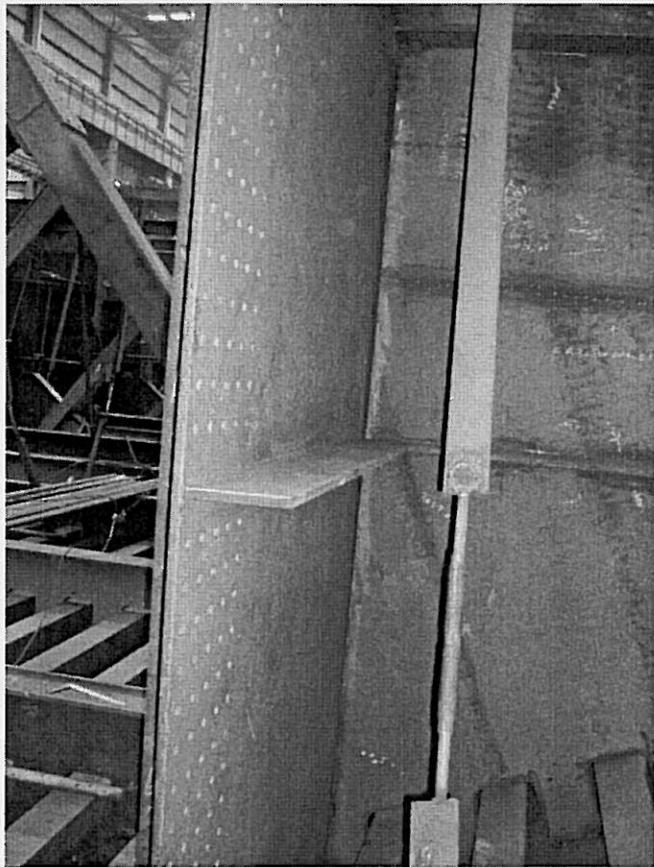
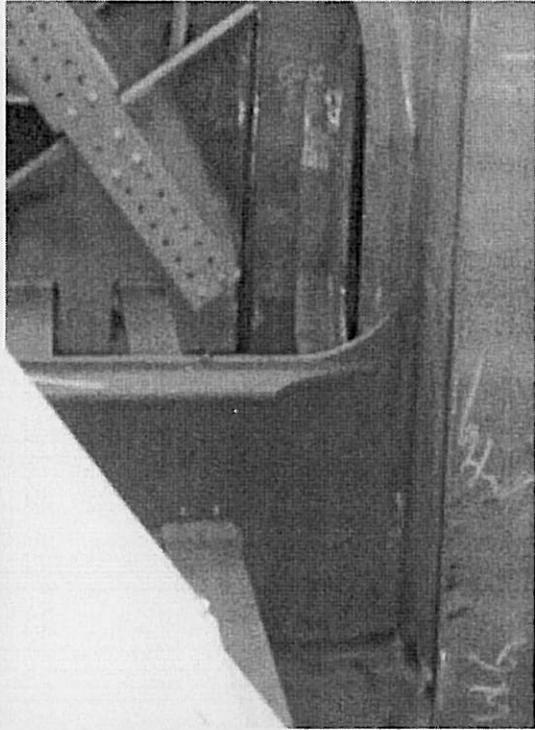
ZPMC acknowledged wrong cutting procedure was performed and has written an internal NCR. The approved freehand thermal cutting procedure has been released to all related department to prevent same cases' occurrences again. It was found no base metal as designed was damaged after cut, due to these cutting was performed within the allowance of material. Please review the attached photos show after grinding the cut edges are satisfactorily. Based on this, Please consider closure of this NCR.

ATTACHMENT:

NCR-000691(ZPMC-0658)

PHOTOS FOR FLOOR BEAM CUT EDGES

Log sw
6/22/10





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: 28-Feb-2010

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: 05.03.06-000648

Subject: NCR No. ZPMC-0658

Reference Description: Free hand thermal cutting over 300mm in length without Engineer's approval (Segment 12AW and 12BW FB)

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:** 12

Remarks:

During Quality Assurance random in-process observations of the fabrication of segment 12AW and 12BW, this Quality Assurance Inspector (QA) discovered the following issue:

- ZPMC personnel have performed Free Hand Flame Cutting for more than 300mm in length at the locations listed.
- The approximate cut length for Floor Beam FB3072 plate number X3166D measured 1025mm from the Bottom Plate on panel point (PP) 111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3079 plate number X3207M measured 4700 mm from the Bottom Plate on PP111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3064 plate number X33267B (SPCM) measured 1500 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3080 plate number X3183D (SPCM) measured 4700 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3070 plate number X3166A measured 1025 mm from the Bottom Plate on PP112.5, Counter Weight side and 1025 mm from Bottom Plate on the Cross Beam side.
- The approximate cut length for Floor Beam FB3083 plate number X3207A measured 2000 mm from the Bottom Plate on PP112.5, Cross Beam side.
- The approximate cut length for Floor Beam FB3066 plate number X3267E measured 1500 mm from the Bottom Plate on PP113, Cross Beam side.
- The approximate cut length for Floor Beam FB3085 plate number X3181D measured 2000 mm from the Bottom Plate on PP113, Cross Beam side.
- All the Floor Beam plate materials listed above are less than 25mm in thickness.
- OBG Segment 12AW and 12BW are currently located inside of Bay 14.

Please see attached NCR ZPMC No. 658 for details.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrence and for remedy the non-conformance to the Engineer for review. A response for the resolution of this issue is expected within 7 days.

NCT

(Continued Page 2 of 2)

Transmitted by: Ching Chao

Attachments: ZPMC-0658

cc: Rick Morrow, Gary Pursell, Stanley Ku, Ching Chao, Bill Howe

File: 05.03.06

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-000691**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 27-Feb-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0658**Type of problem:**Welding Concrete Other Welding Curing Procedural **Bridge No:** 34-0006Joint fit-up Coating Other **Component:** Segment 12AW and 12BW FloorbeamProcedural Procedural **Description:**

Reference Description: Free hand thermal cutting over 300mm in length without Engineer's approval
(Segment 12AW and 12BW FB)

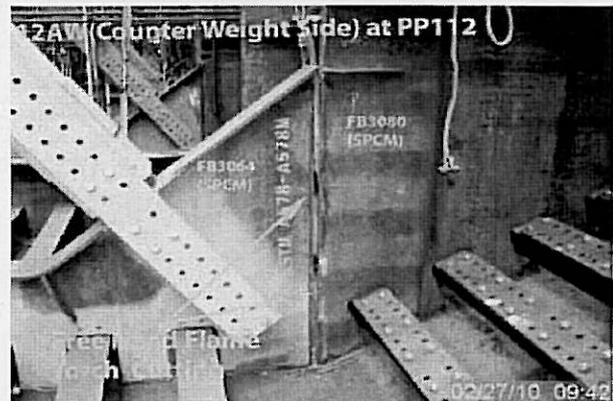
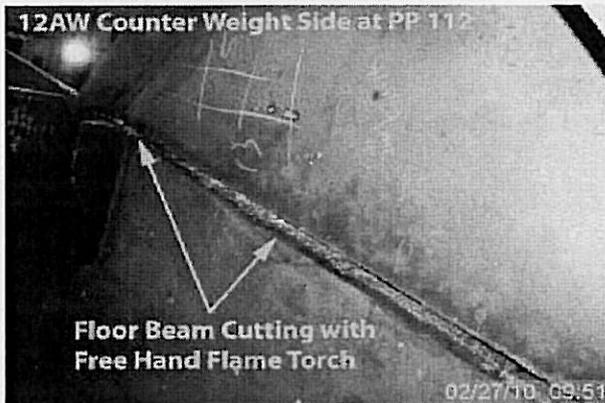
Description of Non-Conformance:

During Quality Assurance random in-process observations of the fabrication of segment 12AW and 12BW, this Quality Assurance Inspector (QA) discovered the following issue:

- ZPMC personnel have performed Free Hand Flame Cutting for more than 300mm in length at the locations listed.
- The approximate cut length for Floor Beam FB3072 plate number X3166D measured 1025mm from the Bottom Plate on panel point (PP) 111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3079 plate number X3207M measured 4700 mm from the Bottom Plate on PP111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3064 plate number X33267B (SPCM) measured 1500 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3080 plate number X3183D (SPCM) measured 4700 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3070 plate number X3166A measured 1025 mm from the Bottom Plate on PP112.5, Counter Weight side and 1025 mm from Bottom Plate on the Cross Beam side.
- The approximate cut length for Floor Beam FB3083 plate number X3207A measured 2000 mm from the Bottom Plate on PP112.5, Cross Beam side.
- The approximate cut length for Floor Beam FB3066 plate number X3267E measured 1500 mm from the Bottom Plate on PP113, Cross Beam side.
- The approximate cut length for Floor Beam FB3085 plate number X3181D measured 2000 mm from the Bottom Plate on PP113, Cross Beam side.
- All the Floor Beam plate materials listed above are less than 25mm in thickness.
- OBG Segment 12AW and 12BW are currently located inside of Bay 14.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 3)



Applicable reference:

Free Hand Flame Cutting Procedure Submittal Dated 01-27-09; Scope: 2.1 This procedure outlines the technique and process for flame cutting of material 25mm in thickness and up to 300mm in length when mechanical guides are not available.

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Liu Song

Time and method of notification: 1030 hours, 02-27-10, Verbal

Name of Caltrans Engineer notified: Bill Howe, Ching Chao

Time and method of notification: 1800 hours, 02-28-10, Email

QC Inspector's Name: Xu Tao

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

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, +(86) 134.7247.7571, who represents the Office of Structural Materials for your project.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 3 of 3)

Inspected By: Tsang, Eric

SMR

Reviewed By: Wahbeh, Mazen

SMR

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, P.R. China**Report No:** NCS-000714**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 27-Jun-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0658**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: 27-Feb-2010**Description of Non-Conformance:**

During Quality Assurance random in-process observations of the fabrication of segment 12AW and 12BW, this Quality Assurance Inspector (QA) discovered the following issue:

- ZPMC personnel have performed Free Hand Flame Cutting for more than 300mm in length at the locations listed.
- The approximate cut length for Floor Beam FB3072 plate number X3166D measured 1025mm from the Bottom Plate on panel point (PP) 111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3079 plate number X3207M measured 4700 mm from the Bottom Plate on PP111.5, Counter Weight side.
- The approximate cut length for Floor Beam FB3064 plate number X33267B (SPCM) measured 1500 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3080 plate number X3183D (SPCM) measured 4700 mm from the Bottom Plate on PP112, Counter Weight side.
- The approximate cut length for Floor Beam FB3070 plate number X3166A measured 1025 mm from the Bottom Plate on PP112.5, Counter Weight side and 1025 mm from Bottom Plate on the Cross Beam side.
- The approximate cut length for Floor Beam FB3083 plate number X3207A measured 2000 mm from the Bottom Plate on PP112.5, Cross Beam side.
- The approximate cut length for Floor Beam FB3066 plate number X3267E measured 1500 mm from the Bottom Plate on PP113, Cross Beam side.
- The approximate cut length for Floor Beam FB3085 plate number X3181D measured 2000 mm from the Bottom Plate on PP113, Cross Beam side.
- All the Floor Beam plate materials listed above are less than 25mm in thickness.
- OBG Segment 12AW and 12BW are currently located inside of Bay 14.

Contractor's proposal to correct the problem:

Grind area in question smooth prior to welding.

