

**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


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**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT**


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**Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCR-000716**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 24-Apr-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0683**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> Segment 9EE Floorbeam Joints
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b> Missed UT Indications by QC	

**Reference Description:** 3 missed UT indications by QC at Segment 9EE Floorbeam joints**Description of Non-Conformance:**

During the Quality Assurance (QA) Ultrasonic Testing (UT) review of weld located on Segment 9EE, this QA Inspector discovered the following issue:

-Total of three (3) Class "A" indications measuring approximately 15-20mm in lengths.

-One (1) longitudinal and two (2) transverse indications.

-The longitudinal indication detail is given as below:

The weld is identified as SSD019A-PP084-105.

The dB-rating is +2dB and length approximately 20mm.

The thickness of the plate is 30mm and depth of the indication approximately 16mm.

The "Y" location for this indication approximately 20mm from floor beam (FB010B) cope hole.

The weld is a Complete Joint Penetration (CJP) T-joint joining bottom plate 128A (PL772A) to Floor beam FB010B (X94D)

-The transverse linear indications details are given as below:

1. The weld is identified as SSD019A-PP084-131.

The dB-rating is +1dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 14mm.

The "Y" location for this indication approximately 150mm from floor beam FL1 (FB010B) to FL2 (FB013A) cope hole.

The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB010B (X94A) to Floor beam FB013A(X95D).

2. The weld is identified as SSD019-PP083-135.

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## QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

( Continued Page 2 of 2 )

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The dB-rating is +4dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 11mm.

The "Y" location for this indication approximately 50mm from floor beam FL1 (FB016A) to FL2 (FB013B) cope hole.

The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB016A (X94E) to Floor beam FB013B(X95H).

-The indications are clearly marked by QA on/near the welds.

-OBG Segment 9EE is located in outside yard (in-front of blast shop).

The Notice of Witness Inspection Number (NWIT) is 005583. The indications are located inside the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. As per the contract documents, ZPMC's QC personnel are required to perform 100% UT inspection of this weld.

**Applicable reference:**

AWS D1.5-2002, Section 6, Table 6.3: specifies a class A indication as having a dBs rating of +8 and lower for weld thicknesses 21mm through 38mm.

Special Provisions Section 8.3:"Quality Control (QC) shall be the responsibility of the Contractor. As a minimum, the Contractor shall perform inspection and testing of each weld joint prior to welding, during welding, and after welding as specified in this section and to ensure that materials and workmanship conform to the requirements of the contract documents."

**Who discovered the problem:** Vibin Kumar S and Subhasis Bera

**Name of individual from Contractor notified:** Li Man Kit

**Time and method of notification:** 15:00 hours, 04/24/10, Verbal

**Name of Caltrans Engineer notified:** Stanley Ku, Sean Eagen

**Time and method of notification:** 13:30 hours, 04/25/10, Email

**QC Inspector's Name:** Li Ping

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

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<b>Inspected By:</b>	Tsang, Eric	SMR
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<b>Reviewed By:</b>	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:** 26-Apr-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:** 05.03.06-000673

**Subject:** NCR No. ZPMC-0683

**Reference Description:** 3 missed UT indications by QC at Segment 9EE Floorbeam joints

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:** 09

### Remarks:

During the Quality Assurance (QA) Ultrasonic Testing (UT) review of weld located on Segment 9EE, this QA Inspector discovered the following issue:

-Total of three (3) Class "A" indications measuring approximately 15-20mm in lengths.

-One (1) longitudinal and two (2) transverse indications.

-The longitudinal indication detail is given as below:

The weld is identified as SSD019A-PP084-105.

The dB-rating is +2dB and length approximately 20mm.

The thickness of the plate is 30mm and depth of the indication approximately 16mm.

The "Y" location for this indication approximately 20mm from floor beam (FB010B) cope hole.

The weld is a Complete Joint Penetration (CJP) T-joint joining bottom plate 128A (PL772A) to Floor beam FB010B (X94D)

-The transverse linear indications details are given as below:

1. The weld is identified as SSD019A-PP084-131.

The dB-rating is +1dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 14mm.

The "Y" location for this indication approximately 150mm from floor beam FL1 (FB010B) to FL2 (FB013A) cope hole.

The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB010B (X94A) to Floor beam FB013A(X95D).

2. The weld is identified as SSD019-PP083-135.

The dB-rating is +4dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 11mm.

The "Y" location for this indication approximately 50mm from floor beam FL1 (FB016A) to FL2 (FB013B) cope hole.

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# NCT

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The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB016A (X94E) to Floor beam FB013B(X95H).

- The indications are clearly marked by QA on/near the welds.
- OBG Segment 9EE is located in outside yard (in-front of blast shop).

The Notice of Witness Inspection Number (NWIT) is 005583. The indications are located inside the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. As per the contract documents, ZPMC's QC personnel are required to perform 100% UT inspection of this weld.

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

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

**Transmitted by:** Sean Eagen          Transportation Engineer

**Attachments:**    ZPMC-0683

**cc:**    Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey

**File:** 05.03.06

## NCR PROPOSED RESOLUTION

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

**Attention:** Pursell, Gary  
Resident Engineer

**Ref:** 05.03.06-000673

**Subject:** NCR No. ZPMC-0683

**Dated:** 10-Jun-2010

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

**Job Name:** SAS Superstructure

**Document No.:** ABF-NPR-000689 Rev: 00

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### Contractor's Proposed Resolution:

**Reference Resolution:** ZPMC will repair the missed indications and provided NDT to show that the welds are acceptable. Based on this proposal ZPMC requests that this NCR be approved, with actions pending.

ZPMC will repair the missed indications and provided NDT to show that the welds are acceptable. Based on this proposal ZPMC requests that this NCR be approved, with actions pending.

**Submitted by:** Ishibashi, Joshua

**Attachment(s):** ABF-NPR-000689R00

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### Caltrans' comments:

**Status:** CLO

**Date:** 14-Jun-2010

The documentation received with ABF-NPR-000689R01 is sufficient and the Department concurs that Non-Conformance ZPMC-0683 is closed.

**Submitted by:** Eagen, Sean

**Attachment(s):**

**Date:** 14-Jun-2010

## NCR PROPOSED RESOLUTION

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

**Attention:** Pursell, Gary  
Resident Engineer

**Ref:** 05.03.06-000673

**Subject:** NCR No. ZPMC-0683

**Dated:** 11-Jun-2010

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

**Job Name:** SAS Superstructure

**Document No.:** ABF-NPR-000689 Rev: 01

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**Contractor's Proposed Resolution:**

**Reference Resolution:** ZPMC has repaired the indications and is providing the NDT after to show it is acceptable. Based on that ZPMC requests closure of this NCR.

ZPMC has repaired the indications and is providing the NDT after to show it is acceptable. Based on that ZPMC requests closure of this NCR. Also note that weld IDs identified in the NCR were incorrect. The correct weld IDs have been noted in the NDT reports.

**Submitted by:** Ishibashi, Joshua

**Attachment(s):** ABF-NPR-000689R01;

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**Caltrans' comments:**

**Status:** CLO

**Date:** 14-Jun-2010

This proposed resolution is acceptable. The documentation received is sufficient and the Department concurs that Non-Conformance ZPMC-0683 is closed.

**Submitted by:** Eagen, Sean

**Attachment(s):**

**Date:** 14-Jun-2010



No. B-788

## LETTER OF RESPONSE

**TO: American Bridge/Flour**

**DATE: 2010-6-10**

**REGARDING: NCR-000716(ZPMC-0683)**

ZPMC acknowledged these indications were missed by ZPMC. ZPMC is providing the NDT records show these rejections have been removed, repaired and are now acceptable. Please be noticed the correct weld ID is should be SSD19A-PP084-106 in stead of SSD019A-PP084-105 in NCR. Based on this, ZPMC is requesting closure of this NCR.

**ATTACHMENT:**

NCR-000716(ZPMC-0683)

B787-UT-12525 R1

B787-UT-13092 R1

*Jay Z*  
*6/10/10*



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 Date: 26-Apr-2010  
375 BURMA ROAD  
OAKLAND CA 95607 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: 05.03.06-000673  
Subject: NCR No. ZPMC-0683

Reference Description: 3 missed UT indications by QC at Segment 9EE Floorbeam joints

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: 09

### Remarks:

During the Quality Assurance (QA) Ultrasonic Testing (UT) review of weld located on Segment 9EE, this QA Inspector discovered the following issue:

-Total of three (3) Class "A" indications measuring approximately 15-20mm in lengths.

-One (1) longitudinal and two (2) transverse indications.

-The longitudinal indication detail is given as below:

The weld is identified as SSD019A-PP084-105.

The dB-rating is +2dB and length approximately 20mm.

The thickness of the plate is 30mm and depth of the indication approximately 16mm.

The "Y" location for this indication approximately 20mm from floor beam (FB010B) cope hole.

The weld is a Complete Joint Penetration (CJP) T-joint joining bottom plate 128A (PL772A) to Floor beam FB010B (X94D)

-The transverse linear indications details are given as below:

1. The weld is identified as SSD019A-PP084-131.

The dB-rating is +1dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 14mm.

The "Y" location for this indication approximately 150mm from floor beam FL1 (FB010B) to FL2 (FB013A) cope hole.

The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB010B (X94A) to Floor beam FB013A(X95D).

2. The weld is identified as SSD019-PP083-135.

The dB-rating is +4dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 11mm.

The "Y" location for this indication approximately 50mm from floor beam FL1 (FB016A) to FL2 (FB013B) cope hole.

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The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB016A (X94E) to Floor beam FB013B(X95H).

- The indications are clearly marked by QA on/near the welds.
- OBG Segment 9EE is located in outside yard (in-front of blast shop).

The Notice of Witness Inspection Number (NWIT) is 005583. The indications are located inside the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. As per the contract documents, ZPMC's QC personnel are required to perform 100% UT inspection of this weld.

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

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

Transmitted by: Sean Eagen      Transportation Engineer

Attachments:    ZPMC-0683

cc:    Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey  
File: 05.03.06

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**DIVISION OF ENGINEERING SERVICES**  
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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-000716

**Prime Contractor:** American Bridge/Fluor Enterprises, a JV

**Date:** 24-Apr-2010

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

**NCR #:** ZPMC-0683

**Type of problem:**

Welding  Concrete  Other   
 Welding  Curing  Procedural  Bridge No: 34-0006  
 Joint fit-up  Coating  Other  Component: Segment 9EE Floorbeam Joints  
 Procedural  Procedural  Description: Missed UT Indications by QC

**Reference Description:** 3 missed UT indications by QC at Segment 9EE Floorbeam joints

**Description of Non-Conformance:**

During the Quality Assurance (QA) Ultrasonic Testing (UT) review of weld located on Segment 9EE, this QA Inspector discovered the following issue:

-Total of three (3) Class "A" indications measuring approximately 15-20mm in lengths.

-One (1) longitudinal and two (2) transverse indications.

-The longitudinal indication detail is given as below:

The weld is identified as SSD019A-PP084-105.

The dB-rating is +2dB and length approximately 20mm.

The thickness of the plate is 30mm and depth of the indication approximately 16mm.

The "Y" location for this indication approximately 20mm from floor beam (FB010B) cope hole.

The weld is a Complete Joint Penetration (CJP) T-joint joining bottom plate 128A (PL772A) to Floor beam FB010B (X94D)

-The transverse linear indications details are given as below:

1. The weld is identified as SSD019A-PP084-131.

The dB-rating is +1dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 14mm.

The "Y" location for this indication approximately 150mm from floor beam FL1 (FB010B) to FL2 (FB013A) cope hole.

The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB010B (X94A) to Floor beam FB013A(X95D).

2. The weld is identified as SSD019-PP083-135.

## QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

The dB-rating is +4dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 11mm.

The "Y" location for this indication approximately 50mm from floor beam FL1 (FB016A) to FL2 (FB013B) cope hole.

The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB016A (X94E) to Floor beam FB013B(X95H).

-The indications are clearly marked by QA on/near the welds.

-OBG Segment 9EE is located in outside yard (in-front of blast shop).

The Notice of Witness Inspection Number (NWIT) is 005583. The indications are located inside the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. As per the contract documents, ZPMC's QC personnel are required to perform 100% UT inspection of this weld.

**Applicable reference:**

AWS D1.5-2002, Section 6, Table 6.3: specifies a class A indication as having a dBs rating of +8 and lower for weld thicknesses 21mm through 38mm.

Special Provisions Section 8.3: "Quality Control (QC) shall be the responsibility of the Contractor. As a minimum, the Contractor shall perform inspection and testing of each weld joint prior to welding, during welding, and after welding as specified in this section and to ensure that materials and workmanship conform to the requirements of the contract documents."

**Who discovered the problem:** Vibin Kumar S and Subhasis Bera

**Name of individual from Contractor notified:** Li Man Kit

**Time and method of notification:** 15:00 hours, 04/24/10, Verbal

**Name of Caltrans Engineer notified:** Stanley Ku, Sean Eagen

**Time and method of notification:** 13:30 hours, 04/25/10, Email

**QC Inspector's Name:** Li Ping

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

**Inspected By:** Tsang, Eric

SMR

**Reviewed By:** Wahbeh, Mazen

SMR

0683



# REPORT OF ULTRASONIC EXAMINATION

## UT探伤报告

REPORT NO. 报告编号 B787-UT-12525R1      DATE 2010.05.15      PAGE 1 OF 1      Revision No: 0

PROJECT NO.: 工程编号 ZP06-787      CONTRACTOR: CALTRANS

ITEMS NAME: 9EE FLOOR BEAM SPLICE      DRAWING NO.: SSD19/SSD19A      CALTRANS CONTRACT NO.: 04-0120F4  
 部件名称      图号      加州工程编号

REFERENCING CODE 参考规范      ACCEPTANCE STANDARD 接受标准      PROCEDURE NO. 程序编号  
 AWS D1.5-2002      AWS D1.5-2002(Table 6.3)      ZPQC-UT-01

WELDING PROCESS 焊接方法      JOINT TYPE 焊缝类型      CALIBRATION DUE DATE 仪器校正有效期  
 SMAW      BUTT T-JOINT      Dec. 28<sup>ST</sup>, 2010

EQUIPMENT 设备      MANUFACTURER 制造商      MODEL NO. 样式编号      SERIAL NO. 序列编号  
 UT SCOPE      PANAMETRICS      EPOCH-4B      071565311, 061488510, 061495811, 070152011,

CALIBRATION BLOCK 试块      COUPLANT 耦合剂      MATERIAL/THICKNESS 材料厚度  
 AWS IIV BLOCK TYPE II      C.M.C      A709M-345T2-X      30/20mm

**TRANSDUCER 探头**

MANUFACTURER 制造商	ANGLE 角度	FREQUENCY 频率	SIZE 尺寸	MANUFACTURER 制造商	ANGLE 角度	FREQUENCY 频率	SIZE 尺寸
Changchao	70°	2.5MHz	18×18mm				
Changchao	0°	2.5MHz	20mm	Reference Level 参考灵敏度		20dB	

Base metal inspected per AWS D1.5-2002 Section 6.19.5      0° UT OK.

WELD IDENTIFICATION 焊缝部件编号	INDICATION NO. 指示号	PROBE ANGLE 探测角度	FROM FACE 检测面	LEG (次数)	DECIBELS分贝				DISCONTINUITY 不连续性					Discontinuity Evaluation 缺陷估计	Remark 备注	
					Indication Level	Reference Level	Attenuation Factor	Indication Rating	LOCATION OF DISCONTINUITY 不连续位置(mm)							
									a	b	c	d	Length 长度			Sound Path 声程
SSD19A-PP084-106		70				32									ACC.	100%

AFTER B-WR12385

BLANK

EXAMINED BY 主探 <i>Sun Yin 2010.05.15</i> LEVEL - II SIGN / DATE	REVIEWED BY 审核 <i>WU chao 2010.05.15</i> LEVEL - II SIGN / DATE
质量经理 / QCM _____ 签字 SIGN / 日期 DATE	用户CUSTOMER _____ 签字 SIGN / 日期 DATE



**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


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**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION**


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**Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCS-000709**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 14-Jun-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0683**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:** 24-Apr-2010**Description of Non-Conformance:**

During the Quality Assurance (QA) Ultrasonic Testing (UT) review of weld located on Segment 9EE, this QA Inspector discovered the following issue:

-Total of three (3) Class "A" indications measuring approximately 15-20mm in lengths.

-One (1) longitudinal and two (2) transverse indications.

-The longitudinal indication detail is given as below:

The weld is identified as SSD019A-PP084-105.

The dB-rating is +2dB and length approximately 20mm.

The thickness of the plate is 30mm and depth of the indication approximately 16mm.

The "Y" location for this indication approximately 20mm from floor beam (FB010B) cope hole.

The weld is a Complete Joint Penetration (CJP) T-joint joining bottom plate 128A (PL772A) to Floor beam FB010B (X94D)

-The transverse linear indications details are given as below:

1. The weld is identified as SSD019A-PP084-131.

The dB-rating is +1dB and length approximately 15mm.

The thickness of the plate is 30mm and depth of the indication approximately 14mm.

The "Y" location for this indication approximately 150mm from floor beam FL1 (FB010B) to FL2 (FB013A) cope hole.

The weld is a Complete Joint Penetration (CJP) butt joint joining floor beam FB010B (X94A) to Floor beam FB013A(X95D).

2. The weld is identified as SSD019-PP083-135.

