

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011625**Date Inspected:** 23-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, M.Manikandan was present during the time noted above for observations relative to the work being performed.

**OBG # TRIAL ASSEMBLY YARD**

This QA inspector performed U-Rib dimensional survey for below segments in fit-up stage. Reports forwarded to team leader for further action

7BE-7CE

**OBG # TRIAL ASSEMBLY YARD**

This QA inspector measured and recorded root gap and offset for below segments. Reports forwarded to team leader for further action

7BE-7CE

**OBG # TRIAL ASSEMBLY YARD**

This QA Inspector performed dimensional survey with QA Inspector Manjunath for the Skin Flatness across Transverse Splice Joints at Location B1, B2, B3, B4, T1 and T2 for Segment 5AW to 5BW re-confirming the

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## WELDING INSPECTION REPORT

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reading taken by ABF against the RFI No. ABF-RFI-001869 Rev.2 Dated Jan 14, 2010.

Observed at T1 = 5mm in 5000mm, T2= 5mm in 5000mm, B1, B2, B3 = confirms the same as submitted and  
B4 = 7mm in 5000mm

### OBG # TRIAL ASSEMBLY YARD

This QA Inspector performed dimensional survey with QA Inspector Manjunath for the Skin Flatness across Transverse Splice Joints at Location B1, B2, B3, B4, T1 and T2 for Segment 5BW-5CW re-confirming the reading taken by ABF against the RFI No. ABF-RFI-001869 Rev.2 Dated Jan 14, 2010.

Observed at T1, T2, B1, B2, B3, B4 confirms the same as submitted

### OBG # TRIAL ASSEMBLY YARD

This QA Inspector performed dimensional survey with QA Inspector Manjunath for the Skin Flatness across Transverse Splice Joints at Location B1, B2, B3, B4, T1 and T2 for Segment 5AE-5BE re-confirming the reading taken by ABF against the RFI No. ABF-RFI-001869 Rev.2 Dated Jan 14, 2010.

Observed at T1, T2, B1, B2, B3, B4 confirms the same as submitted

### OBG # TRIAL ASSEMBLY YARD

This QA Inspector performed dimensional survey with QA Inspector Manjunath for the Skin Flatness across Transverse Splice Joints at Location B1, B2, B3, B4, T1 and T2 for Segment 5BE-5CE re-confirming the reading taken by ABF against the RFI No. ABF-RFI-001869 Rev.2 Dated Jan 14, 2010.

Observed at T1, T2, B1, B3, B4 confirms the same as submitted and B2 = 9mm in 5000mm

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

#### **Summary of Conversations:**

No Relevant Conversation.

#### **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 , who represents the Office of Structural Materials for your project.

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| <b>Inspected By:</b> | Manikandan,Murugan | Quality Assurance Inspector |
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| <b>Reviewed By:</b> | Miller,Mark | QA Reviewer |
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