

**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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013799**Date Inspected:** 24-Apr-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 # OUTSIDE YARD**

This QA Inspector performed joint Survey Inspection along with ABF for the following Segment 9DW from Panel Point 80 to 82. Reports forwarded to team leader for further action.

Inspection details as follows

- 1) Radius measurement on corner assembly cope holes
- 2) Horizontal and vertical offset measurement on web and flange of WT stiffener at FL3 locations using 1M straight edge.

**OBG # TRIAL ASSEMBLY YARD**

This QA inspector performed dimensional check on deck panel diaphragm using 710mm straight edge and right angle to check plumpness and flatness for below segment. Reports forwarded to team leader for further action

7AW

7BW

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# WELDING INSPECTION REPORT

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OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check along with ABF on longitudinal diaphragm to check offset for web and flange for below segment. Reports forwarded to team leader for further action

7CE-7DE

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check along with ABF for skin flatness for below segment using 5M string line, 600mm and 630mm straight edge. Reports forwarded to team leader for further action

7CE-7DE

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check along with ABF for skin flatness for below segment using 5M string line, 600mm and 630mm straight edge. Reports forwarded to team leader for further action

7AW-7BW

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check along with ABF for skin flatness for below segment using 5M string line, 600mm and 630mm straight edge. Reports forwarded to team leader for further action

7BW-7CW

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>	Carreon,Albert	QA Reviewer
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