

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-013784**Date Inspected:** 01-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:**

OBG # OUTSIDE YARD

This QA Inspector performed joint Survey Inspection along with ABF for the following Segment 9BE from Panel Point 74 to 76. Reports forwarded to team leader for further action.

Inspection details as follows

1) Plumpness and flatness measurements between Deck panel and deck panel diaphragm using right angle and 710mm straight edge.

2) Radius measurement on corner assembly cope holes.

3) Flatness measurement on Floor beam using 1.5M straight edge.

4) Flatness measurement on longitudinal weld joining deck panel and corner assembly deck panel using 600mm straight edge.

5) Flatness measurement on longitudinal weld joining Side panel and corner assembly Side panel using 600mm straight edge.

6) Horizontal and vertical offset measurement on web and flange of WT stiffener at FL3 locations using 1M

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straight edge.

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.

Inspected By:	Manikandan,Murugan	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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