

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-015070**Date Inspected:** 28-May-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 10CE from Panel Point 92 to 94. 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 # OUTSIDE YARD

This QA inspector performed visual inspection and dimensional checks on weld access cope holes on segment 10CE. The locations exhibited radii edge discontinuities after repair appears to be comply with the contract documents.

OBG # TRIAL ASSEMBLY YARD

WELDING INSPECTION REPORT

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This QA Inspector performed dimensional survey for the below segment along with QA inspector Mr. Manoj on longitudinal weld joints Corner assembly to side panel and Corner assembly to deck panel to confirm flatness using 600mm straight edge. Reports forwarded to team leader for further action.

8AW – PP 61, PP 62, PP 63 and PP 64

OBG # TRIAL ASSEMBLY YARD

This QA Inspector performed dimensional survey for the below segment along with Mr. Manoj on longitudinal weld joints Corner assembly to side panel and Corner assembly to deck panel to confirm flatness using 600mm straight edge. Reports forwarded to team leader for further action.

8BW – PP 65, PP 66 and PP 67

OBG # TRIAL ASSEMBLY YARD

This QA Inspector performed dimensional survey for the below segment along with Mr. Manoj on longitudinal weld joints Corner assembly to side panel and Corner assembly to deck panel to confirm flatness using 600mm straight edge. Reports forwarded to team leader for further action.

8CW – PP 68, PP 69, PP 70 and PP 71

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 Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

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