

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018113**Date Inspected:** 11-Nov-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 Mr. M. Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # OUTSIDE YARD (12CE)

This QA inspector along with QA inspector Mr. Manjunath S Math performed dimensional joint survey inspection for green tag on the deck panel to deck panel corner assembly to verify the skin flatness using 600mm rule. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The segment and panel point designations were as follows:

Segment 12CE – PP 115 to PP 117

OBG # OUTSIDE YARD (12CE)

This QA inspector along with QA inspector Mr. Manjunath S Math performed dimensional joint survey inspection for green tag on the side panel to side panel corner assembly to verify the skin flatness using 600mm rule. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The segment and panel point designations were as follows:

Segment 12CE – PP 115 to PP 117

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OBG # OUTSIDE YARD (12CE)

This QA inspector along with QA inspector Mr.Manjunath S Math performed dimensional joint survey inspection for green tag on the deck panel to deck panel diaphragm to verify the plumbness and flatness using right angle and 710mm rule. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The segment and panel point designations were as follows:

Segment 12CE – PP 115, 115.2, 115.5, 116, 116.5 and PP 117

OBG # OUTSIDE YARD (12CE)

This QA inspector along with QA inspector Mr.Manjunath S Math performed dimensional joint survey inspection for green tag on the floor beam to verify the flatness using 1500mm straight edge. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The segment and panel point designations were as follows:

Segment 12CE – PP 115

OBG # OUTSIDE YARD (12CE)

This QA inspector along with QA inspector Mr.Manjunath S Math performed dimensional joint survey inspection for green tag on the corner assembly cope hole to verify the radius using 150mm rule. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The segment and panel point designations were as follows:

Segment 12CE – PP 115, 115.2, 115.5, 116, 116.5 and PP 117

OBG # OUTSIDE YARD (12AW)

This QA inspector along with QA inspector Mr.Manjunath S Math performed dimensional joint survey inspection on the cope hole located at the floor beam to bottom panel, floor beam to side panel and at longitudinal diaphragms to verify the radius and smoothness using 150mm rule. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The segment and panel point designations were as follows:

Segment 12AW - PP 109, PP 110, PP 111, PP 111.5, PP 112 and PP 112.5

OBG # OUTSIDE YARD (12AW)

This QA inspector along with QA inspector Mr.Manjunath S Math performed dimensional joint survey inspection on the reentrant corners located at the floor beam vertical flange welded on the flange of longitudinal diaphragm to verify the radius using pre-cut 25mm and 50mm template. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The segment and panel point designations were as follows:

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Segment 12AW - PP 109, PP 110 and PP 111

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

Summary of Conversations:

No relevant conversations were reported on this date.

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.

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| Inspected By: | Manikandan,Murugan | Quality Assurance Inspector |
| Reviewed By: | Peterson,Art | QA Reviewer |
