

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023679**Date Inspected:** 12-Mar-2011**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:** Lv Li Qing**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 Structure**Summary of Items Observed:**

This QA Inspector observed the following work in progress:

FCAW in the 3G position for the OBG Segment 14E Side panel stiffener. The weld joint was designated as: SEG3019E-2-264. The welder is identified as #066236. ZPMC QC is identified as Mr. Zhong Qiang. The welding variables recorded by QC appear to comply with WPS-B-T-2233-ESAB.

SMAW in the 4G position for the OBG Segment 13AE Deck panel to Edge panel. The weld joint was designated as: SEG3007AB-094. The welder is identified as #067656. ZPMC CWI is identified as Mr. Liu Hua Jie. The welding variables recorded by QC appear to comply with WPS-B-P-2214-TC-U4B-FCM-1.

FCAW in the 3G position for the OBG Segment 13AE Side panel stiffener. The weld joint was designated as: SEG3007N-208. The welder is identified as #067877. ZPMC QC is identified as Mr. Zhong Qiang. The welding variables recorded by QC appear to comply with WPS-B-T-2233-ESAB.

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 150-0042-2372, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By:	Teall, Manuel	Quality Assurance Inspector
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Reviewed By:	McClendon, Timothy	QA Reviewer
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