

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-015188**Date Inspected:** 21-Jun-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:** Wu Shi Gao**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**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

West of Bay 14-

This QA Inspector observed the following work in progress: Shielded Metal Arc Welding (SMAW) of OBG Segment 11BE longitudinal diaphragm to bottom panel weld, SEG068C-038. ZPMC welder was identified as 058102. ZPMC CWI was identified as Wu Shi Gao. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2112-FCM-1.

Shielded Metal Arc Welding (SMAW) of OBG Segment 11BE longitudinal diaphragm to bottom panel weld, SEG068B-026. ZPMC welder was identified as 216086. ZPMC CWI was identified as Wu Shi Gao. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2112-FCM-1.

ZPMC performing Magnetic Particle Testing of SSD12A Corner assembly diaphragm welds at at panel point 105.

Bay 16-

This QA Inspector observed the following work in progress: Submerged Arc Welding (SAW) of OBG Segment 13AW bottom panel splice weld, BP3074-001-005. ZPMC welder was identified as 045265. ZPMC QC was identified as Li Ming Yang. The welding appeared to be in conformance with welding procedure specification,

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WPS-B-T-2221-B-U3c-S-2.

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

Summary of Conversations:

As identified within the contents of this report.

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.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
