

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-003460**Date Inspected:** 14-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:****Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wu Shi Feng**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 rib to side plate welds**Summary of Items Observed:**

Sub-Assembly Shop - Bay 4

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final MT on SP174-001- welds 007 through 018. No apparent indications were observed. QA Inspector notated QA Inspector's MT acceptance on the side plate. See photo below showing notations by ZPMC and QA Inspector.

QA Inspector randomly observed welding being performed on diaphragms, but most ZPMC personnel were working on heat straightening and grinding on floor plates and side plates. Approximately 30 workers were in this bay between 1500 and 1700 hours. However, only 15 workers were present after 1900 hours.

Sub-Assembly Shop - Bay 7

QA Inspector randomly observed approximately 30 ZPMC workers performing heat straightening and grinding. No welding observed.

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Summary of Conversations:

No significant conversations 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 Ady Velasco, 138-1694-2685, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet, George	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
