

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-004923**Date Inspected:** 11-Dec-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 600**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1430**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA	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:

Caltrans Quality Assurance inspector, Alan Lowe, was present to perform Ultrasonic Testing, (UT), of Orthotropic Box Girders, (OGB), for the San Francisco Oakland Bay Self Anchored Suspension (SAS) Bridge, At Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

QA inspector arrived at ZPMC in Shanghai, China for observation of OBG and SAS Bridge. QA inspector received notification from dayshift task leader to perform conventional UT (A-Scan) inspection for tack welds on deck panels. The inspection is preliminary prior to using the phased array system to verify indications found with conventional UT. QA inspector performed UT on Deck Panels 577-001 A and B in conjunction with QA inspector Eric Prue, whose report dated December 11, 2008 will detail the UT examination results. All indications are marked on top of U-Ribs. Please see U-Rib deck panel tack welds assessment report dated December 11, 2008 for specific locations noted.

Final Visual Testing (VT) was also performed on OBG Deck panels 603-001, 588-001, 548-001, and 543-001. No VT indications were noted.

No other activities observed.

Summary of Conversations:

No significant conversations this day.

Comments

WELDING INSPECTION REPORT

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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 Peter Dauterman 15002199593, who represents the Office of Structural Materials for your project.

Inspected By:	Lowe,Alan	Quality Assurance Inspector
Reviewed By:	Wright,Mark	QA Reviewer
