

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-014044**Date Inspected:** 14-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Xu Xian Ping	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:		

Summary of Items Observed:

This inspector performed conventional ultrasonic testing, UT, on OBE8C-003, Section 8BE-8CE, Bottom Plate. This inspection was in conjunction with ABF UT personnel, and to verify indications found during the ABF inspection. No additional recordable indication was noted at the time of inspection.

This inspector attempted to perform conventional ultrasonic testing, UT, on CA052-002,006, Section 8BE, deck plate to edge plate at E-2 holdback. This inspector was not able to complete this inspection due to ZPMC having already temporarily fit up the cantilever bike path bracket at the same location, covering the inspection area.

Welding of 7CW, SEG0378-006. The welding procedure was identified as WPS-B-T-2231-TC-U4b-F. The welder was identified as 045280. The ZPMC CWI was identified as Li Lin.

This inspector witnessed ZPMC personnel preparing to move the lift 1 tower sections that are presently lying on the heavy dock to the blast and paint shops.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

WELDING INSPECTION REPORT

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Summary of Conversations:

No Relevant Conversations.

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.

Inspected By:	Barrentine, Daniel	Quality Assurance Inspector
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Reviewed By:	Carreon, Albert	QA Reviewer
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