

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-013574**Date Inspected:** 25-Apr-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:	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:

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China. QA Inspector observed and/or found the following:

NDT Inspections

This inspector performed conventional ultrasonic testing, UT, in accordance with NWIT # 04231010-2 on Seg 044-047, Section 8AE, deck plate to edge plate, at weld E5. 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 performed conventional ultrasonic testing, UT, on CA 031-006, Section 7AW, counter weight side, deck plate to edge plate, at weld W2 (hold back). 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 performed conventional ultrasonic testing, UT, on CA 035-002, 006, Section 7BW, counter weight side, deck plate to edge plate, at weld W2-1 (hold back). 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.

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This inspector performed conventional ultrasonic testing, UT, on CA 036-004, Section 7AE, corner assembly. 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 performed conventional ultrasonic testing, UT, section 7AW to 7BW and section 7BW to 7CW in accordance with NWIT #005596 on the following welds listed: BP144A-001-030, DP647-001-019, BP91A-030, and DP640-001-021. 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.

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

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
Reviewed By:	Carreon, Albert	QA Reviewer
