

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-013477**Date Inspected:** 21-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, on the following welds in the trial assembly yard:

7AW To 7BW, bottom plate to side plate, on the crossbeam side. These welds are identified as Seg033A-007 and Seg035A-005. This inspection was in conjunction with ABF UT technicians and to verify indications that were observed during their inspection. One additional indication was recorded by this inspector and added to the UT reports by ABF for this weld.

7EE, deck plate to edge plate, on the cross beam side. This inspection was in conjunction with ABF UT technicians and to verify indications that were observed during their inspection. One additional indication was recorded by this inspector at the time of inspection and added to the ABF UT reports for this weld.

In Process Inspections:

This inspector witnessed SMAW welding of section 8AE to 8BE, side plate transverse splice, cross beam side.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

The WPS was identified as WPS- B-P-2114-FCM-1. The welder was identified as 048659. ZPMC QC was present and identified as Mr. Wang Li Yang. The ZPMC CWI for this operation was Mr. Li Yang.

Unless otherwise noted, all work performed on this day appeared to comply 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
