

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-012677**Date Inspected:** 01-Mar-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.

In- Process Inspections:

This Inspector noted the following observations:

Weld repair on segment 6AE to the horizontal stiffeners in the hold back areas.

Preparations for blasting operations on segment 6BE.

VT and cleanup performed by ZPMC personnel on the horizontal stiffeners in the hold back areas on segment 6CE.

Grinding of repaired areas on segment to cross beam splice areas by ZPMC personnel.

UT inspection by ABF personnel on segment 7CW deck plate to edge plate.

MT by ABF personnel on segment 6BE to 6CE bottom plate to side plate.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Base metal repair welding and MT by ZPMC personnel on section 6CE at panel point 45.

MT of repaired areas by ZPMC personnel on section 6AE at panel point 38.

MT of repaired areas by ZPMC personnel on section 6AW at panel point 38.

VT and base metal repair was performed by ZPMC personnel on section 6CW at panel points 44, 45, and 46.

MT performed by ABF personnel on segment 6AW at the bottom plate to side plate.

Unless otherwise noted, all work observed on this date appeared to generally comply with 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
