

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-012609**Date Inspected:** 20-Feb-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 witnessed Magnetic Particle Inspections, MT, being performed by ABF on section 6AE at the cross beam splice on the East side. This inspection was performed on the temporary weld areas that had been previously ground flush. Indications were noted by ABF at the time of inspection. For more information on rejected indications, see the ABF MT reports for these sections and date.

This inspector witnessed Magnetic Particle Inspections, MT, being performed by ABF on section 6AE at the corner joint, cross beam side, at the 6AE to 6BE transverse deck splice. This inspection was performed on the weld repaired areas that had been previously ground flush. Indications were noted by ABF at the time of inspection. For more information on rejected indications, see the ABF MT reports for these sections and date.

This inspector witnessed SMAW being performed on the 7AE to 7BE side plate transverse splice, bike path side. The 2 welders were identified as 037743 and 066038. ZPMC QC was identified as Mr. Shen Jian Bo. The welding procedure used for this operation was identified as WPS- B- P- 2214- B- U2.

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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