

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-001067**Date Inspected:** 20-Dec-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	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:	77, 89, 114 & OBG Mock-Up	

Summary of Items Observed:

This Quality Assurance Inspector oversaw Quality Assurance Inspectors Scott Croff and Joe Lanz performing fabrication inspection out on the shop floor today. Mr. Croff was scheduled to complete the quality assurance final 10% visual and magnetic particle testing of the 77 Meter Mock-Up Diaphragm starting at 1830 when Zhenhua Port Machinery Company (ZPMC) was to stop work on it. Mr. Croff reported that as late as 2030 in the shift that ZPMC was still working on the diaphragm making inaccessible for quality assurance. Mr. Croff performed inspection on the lower 114 Meter Mock-Up assembly and witnessed the ZPMC root magnetic particle testing of MUSB-MA21 – 38 stiffeners between the skin plates. Mr. Croff reported no issues with the magnetic particle testing. Mr. Lanz observed fitting and fillet welding by ZPMC on the side plates and was performing visual and magnetic particle inspection on the bottom plates. Mr. Lanz further performed visual inspection of lifting lugs to the floor beams and for the evening reporting that there were no issues.

Summary of Conversations:

No conversations held today.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Berger, Bruce

Quality Assurance Inspector

WELDING INSPECTION REPORT

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Reviewed By: Cochran,Jim

QA Reviewer