

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-000880**Date Inspected:** 26-Nov-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:	OBG, 77, 89 & 114 Meter Mock-Up	

Summary of Items Observed:

This Quality Assurance Inspector oversaw Quality Assurance Inspectors Charlie Franco, Scott Croff, and Roscoe Dixon performing fabrication inspection out on the shop floor today. Mr. Croff witnessed ultrasonic testing of various side plate and bottom plate complete joint penetration welds in bay 3 and in bay 7 he witnessed heating and straightening of various forms. Mr. Dixon witnessed tack welding of longitudinal stiffeners on MUSB-MA22 A/B for the 89 Meter Mock-Up and grinding of welds on MA38 Skin Face E. On the 77 Meter Mock-up he witnessed blend grinding of welds on MUA-MA1 A/F. Mr. Franco witnessed magnetic particle testing of the fillet welds on the 89 Meter Mock-Up parts MA37, MA30, MA36 & MA33 along with the longitudinal welds 5 & 17 on Skin Plate A MUSB-MA21. Mr. Franco also performed 10% Quality Assurance verification testing on these welds.

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

Reviewed By: Cochran, Jim

QA Reviewer