

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-000927**Date Inspected:** 20-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, 89 & 114 Meter Mock-Up	

Summary of Items Observed:

This Quality Assurance Inspector oversaw Quality Assurance Inspectors Scott Croff, and Roscoe Dixon performing fabrication inspection out on the shop floor today. Mr. Croff witnessed ZPMC magnetic particle testing of the 77 Meter Mock-Up diaphragm. Quality Assurance has accepted the magnetic particle testing; however Mr. Croff had noticed areas where spatter and carbon arc splatter existed on the welds and some areas where the welding was not completed. Mr. Croff also observed the root welds on MUSB MA38. Mr. Dixon performed plate inspection of batch 38 & 40 in the steel plate storage yard.

All observations/verifications by Quality Assurance staff appeared to be in compliance with the project specifications.

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