

DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 Office of Structural Materials
 Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4
 Cty: SF/ALA Rte: 80 PM: 13.2/13.9
 File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-000672
Date Inspected: 18-Oct-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:	Sha Zhi			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:	Closed U-Rib Trial		

Summary of Items Observed:

This Quality Assurance (QA) Inspector observed ZPMC welding of the closed U-rib trial welding plate of the cover passes put in by submerged arc welding (SAW) on weld joints 3 and 4 for closed U-rib 74 and weld joints 7 and 8 for closed U-rib 104. There were a total of three Caltrans's QA Inspectors on hand for the trial. One was observing and taking the voltage on the upper platform, another on the trial plate observing and taking the amperage and checking the travel speed and myself observing and recording the voltage and amperage reading from the automated instrumentation for later analysis to the manually observed data. All the data collected by all three QA personnel was recorded on a single Weld Trial Welding Parameters Control form.



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(Continued Page 2 of 2)

Summary of Conversations:

No significant 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
