

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-013481**Date Inspected:** 28-Apr-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:	Tian Lei/Chen Xi/Jhou Cheng			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 Components		

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay#19

FCAW welding of weld joint SB014-054-018, 019 located on SB054, lift 7&8. Welder is identified as 062812 (2G). ZPMC QC is identified as Zhou Cheng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint SB014-054-014, 013 located on SB054, lift 7&8. Welder is identified as 062812 (2F). ZPMC QC is identified as Zhou Cheng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint SB012-054-043, 049, 055, 061 located on SB054, lift 7&8. Welder is identified as 062738 (2G). ZPMC QC is identified as Zhou Cheng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint SB012-052-043, 049, 031, 037 located on SB054, lift 7&8. Welder is identified as 062807 (2G). ZPMC QC is identified as Zhou Cheng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

FCAW welding of weld joint SB012-050-043, 049, 055, 037 located on SB054, lift 7&8. Welder is identified as 062761 (2G). ZPMC QC is identified as Zhou Cheng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

Bay#3

SAW welding of weld joint FB3107-001-055 located on FB3107-Lift 13E. Welder is identified as 206386 (1G). ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-U3c-S-2.

SAW welding of weld joint FB3111-001-001 located on FB3111-Lift 13E. Welder is identified as 050977 (1G). ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-U3c-S-2.

Bay#2

SAW welding of weld joint FB3189-001-005, 006 located on FB3189-Lift 13W. Welder is identified as 045203 (1G). ZPMC QC is identified as Chen Xi. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-U3c-S-2.

Unless otherwise noted, all 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 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel,Hiranch	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
