

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-013482**Date Inspected:** 21-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:** Lv Liqian/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 SB014-052-049, 055 located on SB052, lift 7&8. Welder is identified as 062749 (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 SB014-052-007, 037 located on SB052, lift 7&8. Welder is identified as 062749 (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 SB014-050-037, 043, 018, 011 located on SB050, lift 7&8. Welder is identified as 062757 (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#14

SMAW welding of weld joint Seg072D-152/153 located on Seg072. Welder is identified as 067752 (4F). ZPMC QC is identified as Guo xing hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2114-FCM-1.

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SMAW welding of weld joint SSD16-PP104-230 located on Seg11DE. Welder is identified as 037723 (4G). ZPMC QC is identified as Guo Pan. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2214-Tc-U4b-FCM.

FCAW welding of weld joint Seg3003M-057 located on Seg12CE. Welder is identified as 214945 (2G). ZPMC QC is identified as Guo Pan. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint Seg3003N-135 located on Seg12CE. Welder is identified as 214945 (2G). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

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
