

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-020153**Date Inspected:** 17-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Yu Jiao (ABF)**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:** BAY 14 OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Robert A. DeArmond was present during the time noted above and conducted observations relative to the work being performed.

OBG BAY 14

This QA Inspector observed the following work in progress:

SMAW welding of complete joint penetration weld joint(s) located on lift 13A East Line SEG-3007N Rib Stiffeners to Floor Beam Hold backs weld number(s) 031 and 032. Welder is identified as welder no. 054013. The welding variables recorded by ZPMC QC identified as Zong Guo Hui appeared to comply with applicable WPS(s) WPS-B-P-2212-TC-U4b-FCM-1.

SMAW welding of complete joint penetration weld joint(s) located on lift 13A East Line SEG3007S Floor Beam to KP weld number(s) 028. Welder is identified as welder no. 068924. The welding variables recorded by ZPMC QC identified as Zong Guo Hui appeared to comply with applicable WPS(s) WPS-B-P-2213-B-U2-FCM-1.

FCAW welding of complete joint penetration weld joint(s) located on lift 13A East Line SEG3007S KP to Side Plate weld number(s) 170. Welder is identified as welder no. 067877. The welding variables recorded by ZPMC QC identified as Zong Guo Hui appeared to comply with applicable WPS(s) WPS-B-T-2232-ESAB.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SMAW welding of complete joint penetration weld joint(s) located on lift 13C East Line SEG3011L Floor Beam to Vertical Plate weld number(s) 249. Welder is identified as welder no. 048047. The welding variables recorded by ZPMC QC identified as Zong Guo Hui appeared to comply with applicable WPS(s) WPS-B-P-2214-B-U2-FCM-1.

SMAW welding of complete joint penetration weld joint(s) located on lift 14 East Line SEG3019BB Anchor Plate to Bottom Plate weld number(s) 191. Welder is identified as welder no. 201087. The welding variables recorded by ZPMC QC identified as Zong Guo Hui appeared to comply with applicable WPS(s) WPS-345-SMAW-2G (2F)-FCM-Repair and CWR-2737.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As mentioned above between QA and QC concerning this project

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 1500-0042-02372, who represents the Office of Structural Materials for your project.

Inspected By:	DeArmond,Robert	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer
