

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-009409**Date Inspected:** 21-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shen Fu You**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.

This QA inspector observed the following work in progress:

Bay#13

SAW welding of weld joint Seg069A-002 (SP142A+SP115A) located on Segment 11CW. Welder is identified as 044771 (1G). ZPMC QC is identified as Tang Ya Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

SAW welding of weld joint Seg071A-002 located on Segment 11DW. Welder is identified as 062406 (1G). ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint Seg074A-002 (Root Pass) located on Segment 11EE. Welder is identified as 214945 (1G). ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Bay#14

SMAW welding of weld joint Seg054A-001 located on Segment 9CE. Welder is identified as 044779 and 067656 (4G). ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SMAW welding of weld joint Seg052*-045 located on Segment 9BE. Welder is identified as 069656 (4G). ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

SMAW welding of weld joint Seg52A-046 located on Segment 9BE. Welder is identified as 200114 (4G). ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint SSD16A-PP080-004 located on Segment 9DE. Welder is identified as 044774 and 055564 (2F). ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint SSD18A-PP082-005 located on Segment 9DE. Welder is identified as 044774 and 055564 (2F). ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint SSD19-PP085-004 located on Segment 9EE. Welder is identified as 058551 and 050242 (2F). ZPMC QC is identified as Zhang Guo Hai. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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:	Patterson,Rodney	QA Reviewer
