

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: 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-005946**Date Inspected:** 24-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 646**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:** Shi Lei**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 Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez 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 OBG Assembly

Segment 2BW

Flux Cored Arc Welding (FCAW) of weld joint SSD14A-PP17- 252 located on lifting lug at Panel Point 17.

Welder is identified as 055491. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 2AW

Shielded Metal Arc Welding (SMAW) of weld joint SSD40A-PP14-006, 007 located on FB43A. Welder is identified as 037932. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SSD40-PP14-130, 131 located on FB3A. Welder is identified as 037932. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply

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with the Applicable WPS.

Segment 2BE

Shielded Metal Arc Welding (SMAW) of weld joint SSD19A-PP18-134 located on FB13A. Welder is identified as 044837. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SSD19-PP18-132 located on FB13A. Welder is identified as 067756. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Flux Cored Arc Welding (FCAW) of weld joint SSD20A-PP17- 232, 236 located on lifting lug at Panel Point 17. Welder is identified as 070140. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work 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:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
