

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-007850**Date Inspected:** 29-Jun-2009**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:** Zhu Zheng Hai**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 Bay 13**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Rory O'Kane was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

OBG - BAY No. 13

Shielded Metal Arc Welding Process:

Welding of weld joint EP087-001-025 located on OBG Segment 8CE. Welder is identified as 066178. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appeared to comply with the WPS-B-T-2214-TC-U4b-FMC-1.

Welding of weld joint EP088-001-029 located on OBG Segment 8CE. Welder is identified as 054013. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appeared to comply with the WPS-B-T-2214-TC-U4b-FMC-1.

Flux Cored Arc Welding Process:

Welding of weld joint SEG048B-035, 037 located on OBG Segment 8CE. Welder is identified as 055564. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appeared to comply with the

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WPS-B-T-2233-Tc-U4b-F.

Welding of weld joint SEG048B-042, 043, 044 located on OBG Segment 8CE. Welder is identified as 055564. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appeared to comply with the WPS-B-T-2233-Tc-U4b-F.

Welding of weld joint SSP24-PP69.5-50, 92 located on OBG Segment 8CE. Welder is identified as 050988. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appeared to comply with the WPS-B-T-2132.

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

Summary of Conversations:

Only general conversation was held 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, who represents the Office of Structural Materials for your project.

Inspected By:	O'Kane,Rory	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
