

**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-007848**Date Inspected:** 27-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 SEG047B-009, 010 located on OBG Segment 8AW. Welder is identified as 069683. 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 SEG043B-014, 042 located on OBG Segment 8AW. Welder is identified as 069089. 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 SEG043C-014, 042 located on OBG Segment 8AW. Welder is identified as 055491. 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.

This QA Inspector observed activity that did not appear to comply with project requirements. See submitted Incident Reports.

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.

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

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