

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-008569**Date Inspected:** 04-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhang Zhineng**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&Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Utekar Shrikant was present during the times noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress.

Bay#14

SAW welding process of the weld joint 009 located on PCM 7AE-SEG034. Welder is identified 058100 ZPMC QC is identified Lu Liging. The welding variables recorded by QC appeared to comply with the WPS-B-T-2221-B-T-L2-C-S2.

BAY#10

FCAW welding process of the weld joint 56 located on PCM SSD1-TC5J/C Welder is identified 050041 ZPMC QC is identified Tu Jun. The welding variables recorded by QC appeared to comply with the WPS-B-T-2331-TC-P4-F

FCAW welding process of the weld joint 55 located on PCM SSD1-TC5J/C Welder is identified 201825 ZPMC QC is identified Tu Jun. The welding variables recorded by QC appeared to comply with the WPS-B-T-2332-TC-P4-F

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

Summary of Conversations:

No relevant conversation

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 + (86) 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Utekar,Shrikant	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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