

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-010112**Date Inspected:** 30-Oct-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	

Summary of Items Observed:

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

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This QA Inspector observed the following work in progress: Shielded Metal Arc Welding (SMAW) of OBG segment 10CW FL3 floor beam to side panel welds, SEG063A-009, 010, 015 and 016. ZPMC welder was identified as 051348. ZPMC QC is identified as Shen Fu You. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2214-TC-U4b-FCM-1.

Flux Cored Arc Welding (FCAW) and SAW of OBG deck panel to deck splice weld, SEG061*-007. ZPMC welders were identified as 066673 and 045265. ZPMC QC is identified as Shen Fu You. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-223(2)1T-2.

Shielded Metal Arc Welding (SMAW) of OBG segment 9DW FL2 upper floor beam flange to FL3 Floor beam flange weld, SSD10A-PP80-009. ZPMC welder was identified as 069896. ZPMC QC is identified as Shen Fu You. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2214-TC-U4b-FCM-1.

Flux Cored Arc Welding (FCAW) of OBG segment 10AW deck panel diaphragm to diaphragm splice weld, SEG059*-014. ZPMC welders were identified as 201215. ZPMC QC is identified as Shen Fu You. The welding

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appeared to be in conformance with welding procedure specification, WPS-B-T-2232-B-U2-F.

Flux Cored Arc Welding (FCAW) of OBG segment 10AW deck panel diaphragm to diaphragm splice weld, SEG059*-028. ZPMC welders were identified as 045227. ZPMC QC is identified as Shen Fu You. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-B-U2-F.

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

Summary of Conversations:

Only general conversation between QA and QC occurred this date.

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:	Viars,Larry	Quality Assurance Inspector
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Reviewed By:	Dawson,Paul	QA Reviewer
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