

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

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-008970**Date Inspected:** 07-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Guo Yan Fei**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.

Bay 2-

This QA Inspector observed the following work in progress: SMAW tack welding, FCAW root pass and SAW cover pass of deck panel DP127-002 to DP262-001 butt splice weld SEG059-008. ZPMC welders were identified as 207540 (SMAW), 062438 215676 (FCAW) and 045270 (SAW). ZPMC QC is identified as Li Zhi Jiang. The welding appeared to be in conformance with welding procedure specifications, WPS-B-P-2211-B-U2 (SMAW), WPS-B-T-2231-B-U2-F1 (FCAW), and WPS-B-T-2221-B-L2c-S-2 (SAW).

SMAW tack welding and FCAW root pass of deck panel DP181-001 to DP208-001 butt splice weld SEG059-008. ZPMC welders were identified as 205098 (SMAW), 062438 215676 (FCAW). ZPMC QC is identified as Li Zhi Jiang. The welding appeared to be in conformance with welding procedure specifications, WPS-B-P-2211-B-U2 (SMAW), WPS-B-T-2231-B-U2-F1 (FCAW).

Bay 5:

This QA Inspector observed the following work in progress: FCAW welding OBG Bike Path Cantilever beam BK001-019-011 and BK001-024. ZPMC welders were identified as 204342 and 205390. ZPMC QC is identified as Li Yang. The welding appeared to be in conformance with welding procedure specification,

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# WELDING INSPECTION REPORT

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WPS-B-T-2233-TC-U4c-F.

Bay 9-

This QA Inspector observed the following work in progress: FCAW welding U rib internal diaphragm plate fillet weld DP3028-001-296 and 297. ZPMC welder was identified as 059443. ZPMC QC is identified as Guo Yan Fei. The welding appeared to be in conformance with welding procedure specifications, WPS-B-T-2133.

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.

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<b>Inspected By:</b>	Viars,Larry	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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