

**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-003224**Date Inspected:** 05-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** C.M. Chen**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:**

Caltrans Quality Assurance (QA) Inspector Tim McClendon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

This Caltrans QA Inspector has been assigned to the ZPMC, ABF, Caltrans group tagging team performing the review of numerous QC and QA documents for the purpose of continuing with the on-going group tagging of the segments identified below.

**North Fabrication Bay OBG Assemblies**

OBG Assembly Segments 3BW- Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segments 3AW -ZPMC in the process of fitting up E7 side plate SP70-001

OBG Assembly Segments 4BW-Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segments 4AW - Caltrans QA observed this segment is idle on this date. There are no activities to report.

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## WELDING INSPECTION REPORT

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OBG Assembly Segments 5BW - Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segments 5AW- ZPMC performing weld preparation on D6 to E7 by preparing tack welds by grinding.

South Fabrication Bay OBG Assemblies

OBG Assembly Segment 3AE- ZPMC welding the root side back-gouge at the CJP joining E7 side plate to FL3 B-side at SSD17A PP021.

OBG Assembly Segments 3BE- Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segments 4BE-ZPMC performing FCAW welding on Side Plate E7 to FL3 "A" side at SSD18 PP028

OBG Assembly Segments 4AE- Caltrans QA observed this segment is idle on this date. There are no activities to report.

### **Summary of Conversations:**

No relevant conversations spoken on 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 Ady, Velasco 13816942685, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	McClendon,Timothy	Quality Assurance Inspector
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<b>Reviewed By:</b>	Cuellar,Robert	QA Reviewer
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