

**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-007562**Date Inspected:** 26-Jun-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 / Liu fa wen**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:** Shi Lin**Component:** OBG Components**Summary of Items Observed:**

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

**BAY#14**

On going SAW Welding of Weld Joint 1G-008 Located on SEG059A Welder no indentified as 045265 and The welding variables recorded by QC ZMPC Mr. Liu Wan Ning to comply with the WPS-B-2221-B-L2C-S-2.

On going FCAW Welding of Weld Joint 2F-037,038 Located on CSD3-PP83 of 9EW Welder no indentified as 203871 and The welding variables recorded by QC ZMPC Mr. Ling Ming Yang to comply with the WPS-B-2132.

On going FCAW Welding of Weld Joint 2G-099 Located on CSD3-PP76 of 9EW Welder no indentified as 058245 and The welding variables recorded by QC ZMPC Mr. Ling Ming Yang to comply with the WPS-B-2214-Tc-U4b-F.

Witnessed ZPMC MT after Back gouging of CJP weld SSD10-PP56-03/04 of 7DE.

Visual Fit-up inspection of Weld joint CSD-PP93-33,35,36 dimension recorded and reported By QC ZPMC Mr. Xu Tao to comply with WPS-B-2221-B-L2C-S-2.

**BAY#19**

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## WELDING INSPECTION REPORT

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On going RepaIR FCAW Welding of Weld Joint 2F-005,008 Located on SB001-010 Welder no indentified as 062778 and The welding variables recorded by QC ZMPC Mr. Liu Fu wen to comply with the WPS-FCAW-2G(2F)-Repair.

Ongoing Heat Straightening of Suspended Bracket SB019-070 Checked and recorded by ZPMC QC Mr. Zhan Cheng to comply with HSR1Report

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

**Summary of Conversations:**

No Relevant Conversations.

**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>	Kumar,Chadra	Quality Assurance Inspector
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<b>Reviewed By:</b>	Clifford,William	QA Reviewer
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