

**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-009345**Date Inspected:** 31-Mar-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:** Hu Wei Jing**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 Components**Summary of Items Observed:**

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

BAY#11

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Lift 3 Skin C. The weld designations reviewed as follows:

ESD1-FCAS3-2A/C-1B,2B,3B.

ESD1-FCSA3-2B/C-13,15,21,30,36,32,23.

BAY#10

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Lift 3 Skin C. The weld designations reviewed as follows:

SSD1-FBSA3-1A/C-12A,8A(2),16A,22A.

BAY#10

@On going SMAW Welding of Shear plate Weld Joint 2G-28B Located on ND1-A468-38M-2 Welder no indentified as 040333 & 053050 and The welding variables recorded by ZPMC CWI Mr. Su Zhen Rang to comply with the WPS-B-T-3212-Tc-U5b-1.

@On going FCAW Welding of Weld Joint 1G-57A Located on SSD1-FASA3-1E/E Welder no indentified as 066239 and The welding variables recorded by ZPMC QC to comply with the WPS-B-T-2231-Tc-U5-F.

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# WELDING INSPECTION REPORT

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Unless otherwise noted, all observed on this date 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-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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