

**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-011864**Date Inspected:** 21-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhang zhong**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, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

FCAW welding of weld joint 2G-105 located on PCMK SSD10-PP104 of 11DW welder is identified as 202122. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-TC-U4b-F.

FCAW welding of weld joint 2F-030 located on PCMK DP188-001 of 11EW welder is identified as 045175. ZPMC QC is identified as Mr. Xu tao The welding variables recorded by QC appeared to Comply with the WPS-B-P-2232.

SMAW welding of weld joint 4G-005 located on PCMK SEG071A of 11DW welder is identified as 047864. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-B-U2-FCM-1.

FCAW welding of weld joint 2G-010 located on PCMK SEG074A of 11EE welder is identified as 055491. ZPMC QC is identified as Mr. Zhang guo hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2232-B-U2-F.

**OUTSIDE SHOP**

SMAW welding of repair weld joint (9 locations) is identified as SEG049A-001 Segment 9AW welder is

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# WELDING INSPECTION REPORT

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identified as 067752.ZPMC QC identified as Mr.Wang xian pin. The welding variable is recorded by QC appeared to comply with the WPS-345-SMAW-4G(4F)-FCM-repair and repair welding report B-WR10088.

Unless otherwise noted, all work 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-15--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
<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer

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