

**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-009119**Date Inspected:** 06-Sep-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:** Zhu zhong hai**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#13

FCAW welding of weld joint 1G-002 located on PCMK SEG070A of 11CE welder is identified as 0658551. ZPMC QC is identified as Mr. Tang ya jun . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F.

SMAW welding of repair weld joint 1G-005 located on PCMK SEG005 of 11CE welder is identified as 044771. ZPMC QC is identified as Mr. Tang ya jun. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

Weld joint fit-up of following weld joint 1G-008 dimension and tack weld checked with ZPMC QC Mr. Tang ya jun to comply with the WPS-B-T-2231-B-U2-F.

SMAW welding of repair weld joint 4G-032 located on PCMK SEG043A\* of 8AW welder is identified as 067656. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G (4F)-repair and WR-7256.

SMAW welding of repair weld joint 4G-032 located on PCMK SEG047B\* of 8CW welder is identified as 044772.

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## WELDING INSPECTION REPORT

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ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G (4F)-repair and WR-6994.

BAY#14

FCAW welding of weld joint 3G-131 located on PCMK SSD14A-PP77 of 9CW welder is identified as 201215. ZPMC QC is identified as Mr. Xuo tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-B-U2-F.

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 Jim Simonis - 134-7246-3441, 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>	Clifford,William	QA Reviewer

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