

**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-009306**Date Inspected:** 24-Sep-2009**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:** Chen fu you**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 repair welding of misaligned 1100mm in length Deck panel splice weld joint 1G-001 located on PCMK SEG051\* of 9BW welder is identified as 203871.ZPMC QC is identified as Mr. Liu wan ning. The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-1G(1F)-repair and WR7766.

FCAW welding of weld joint 3G-026 located on PCMK SEG055A of 9DW welder is identified as 066401.ZPMC QC is identified as Mr.Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b-F.

SMAW welding of weld joint 4G-009 located on PCMK SEG051A of 9BW welder is identified as 051348.ZPMC QC is identified as Mr.Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b.

SEGMENT

FCAW welding of weld joint 2F-047 located on PCMK SSD19A-PP67 of 8BE welder is identified as 055564. ZPMC QC is identified as Mr.Wang xian pin. The welding variables recorded by QC appeared to Comply with the

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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WPS-B-T-2132-3.

SMAW welding of weld joint 3G-042 located on PCMK SEG044\*of 8AEwelder is identified as 054013.ZPMC QC is identified as Mr.wang xian pin. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2213-B-U2-FCM-1.

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

Item	Description	WBS	Dwg No.	Status
1				

### 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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