

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017131**Date Inspected:** 11-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**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:** Wang jie / Geng wei**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 is identified as 2G-008 of K- plate KP3008-001 of segment 13BE. The welder is identified as 067099. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld is identified as 2G-002 of K-plate KP3005-001 of segment 13AE. The welder is identified as 066236. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

BAY#15

SAW welding of weld joint 1G-001 (side B) located on PCMK SEG3013AC of Segment 13AW the welder is identified as 045270. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

BAY#16

FCAW welding of weld is identified as 2G-047 of LD3034-001 for segment 13AW. The welder is identified as 045143. ZPMC QC is identified as Mr. Wang jie. The welding variables recorded by QC are appeared to comply

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with the WPS-B-T-2232-Tc-U5-F.

FCAW welding of weld is identified as 2G-029 of LD3035-001 for segment 13AW. The welder is identified as 045286. ZPMC QC is identified as Mr. Wang jie. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U5-F.

## BLAST SHOP #1

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG Segment 11BW Interior Upper portion of segment like Floor beam, U-ribs, Deck panel diaphragm and Corner assembly surfaces from the panel point 98 to 100 after grit blasting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

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

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your project.

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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
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<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer
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