

**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-016590**Date Inspected:** 01-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:** Xu tao / 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#19**

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Suspender bracket. The weld designations reviewed as follows.

SB84E

SB020-084-025,037,049,055,011,001,004,007,005,008,077,017,032. Green tag-12262.

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Suspender bracket. The weld designations reviewed as follows.

SB84W

SB017-084-001,004,007,008,020,006,015,026,049,018,061,031.

**BAY#14**

SAW welding of weld joint 1G-005 located on PCMK SEG3013AE 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

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with the WPS-B-T-2221-B-L2c-S-2.

SAW welding of weld joint 1G-011 located on PCMK SEG3007AD of Segment 13AE the welder is identified as 044771. ZPMC QC is identified as Mr. Zhang zin. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-L2c-S-2.

FCAW welding of weld joint 2F-067 located on PCMK CA3016B of Segment 13CW the welder is identified as 201981. ZPMC QC is identified as Mr. Xia chun hui The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 3F-089 located on PCMK CA3015B of Segment 13AW the welder is identified as 047866. ZPMC QC is identified as Mr. Xia chun hui. The welding variables recorded by QC appeared to Comply with the WPS-B-2133.

SAW welding of weld joint 1G-003 located on PCMK SEG3007AL of Segment 13AE the welder is identified as 058100. ZPMC QC is identified as Mr. Zhang zin. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-L2c-S-2.

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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**Inspected By:** Kumar,Chadra

Quality Assurance Inspector

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**Reviewed By:** McClendon, Timothy

QA Reviewer