

**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-014611**Date Inspected:** 27-May-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**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.

**OUTSIDE SHOP**

SMAW welding of weld joint 4F-012 located on PCMK SSD12A-PP100 of Segment 11BW welder is identified as 068097. ZPMC QC is identified as Mr. Wushi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

SMAW welding of weld joint 4F-130 located on PCMK SSD12-PP100 of Segment 11BW welder is identified as 049339. ZPMC QC is identified as Mr. Wushi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

**BAY#13**

SAW welding of weld joint 1G-005 located on PCMK BP3075-001 of Segment 13AW welder is identified as 047866. ZPMC QC is identified as Mr. Tao wei. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3s-2.

**OUTSIDE SHOP**

10CW

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## WELDING INSPECTION REPORT

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This QA inspector performed 10% UT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as Segment 10CW. The weld designations reviewed as follows. NWIT-005839.

SEG063A-003,004.

SEG063B-020,037,004,005,006,025,039,026,041.

SEG063C-004,020,037,005,025,039,026,006,041,039.

SSD12-PP94-130,137,133,108.

SSD12A-PP94-091,011,184,14.

SSD11-PP93-105,127,133,130.

SSD11A-PP93-010,217,013,088.

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>	McClendon,Timothy	QA Reviewer

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