

**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-009577**Date Inspected:** 07-Oct-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:** Shen Fu You/Li Yan Hua**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, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

**Segment 7EW**

SMAW welding of weld joint Seg041\*-009 located on Segment 7EW. Welder is identified as 045268 (4G).

ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-345-SMAW (4G/4F)-FCM-Repair.

**Bay 13****Segment 11BW**

FCAW welding of weld joint Seg067A-008 located on Segment 11BW. Welder is identified as 050988 (1G).

ZPMC QC is identified as Lv Li Qing. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-B-U2-F.

SMAW welding of weld joint Seg067A-014 located on Segment 11BW. Welder is identified as 049861(1G).

ZPMC QC is identified as Lv Li Qing. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2211-B-U2-FCM.

SAW welding of weld joint Seg067A-006 located on Segment 11BW. Welder is identified as 044771(1G). ZPMC

QC is identified as Lv Li Qing. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-L2c-S-2.

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# WELDING INSPECTION REPORT

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SAW welding of weld joint Seg067A-006 located on Segment 11BW. Welder is identified as 044780(1G). ZPMC QC is identified as Tang Ya Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-L2c-S-2.

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

**Summary of Conversations:**

No relevant conversations.

**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 150-0042-2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Patel,Hiranch	Quality Assurance Inspector
<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer

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