

**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-008585**Date Inspected:** 27-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi Jiang**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:** Tower&OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Utekar Shrikant was present during the times noted above for observations relative to the work being performed.

BAY #10

## Magnetic Particle Inspection

This Q.A Inspector performed Magnetic particle testing one the area of repair of lift 2 East tower that was previously tested and accepted by ZPMC Quality control personnel. This QA Inspector generated a (M.T) report for this date. The member are identified as the. The welds Designation are as follows.

ESD1-TL7B/L-3A/B

This QA Inspector randomly observed the following work in progress.

Bay#10

FCAW welding process of the weld joint 23 located on PCM NSD1-A166C/J. Welder is identified 203977 ZPMC QC is identified CHIN YING XIN. The welding variables recorded by QC appeared to comply with the WPS-B-T-4333-TC-P4-F.

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## WELDING INSPECTION REPORT

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BAY#14

SMAW welding process of the weld joint 87-122 located on PCM SSD30-PP4 3,5-087-122. Welder is identified 037997 ZPMC QC is identified LI JIA. The welding variables recorded by QC appeared to comply with the WPS-B-P-2113-FCM

SMAW welding process of the weld joint 024 located on PCM SEG.36-024. Welder is identified 037997 ZPMC QC is identified LI JIA. The welding variables recorded by QC appeared to comply with the WPS-B-P-2213-BU2-FCM.

Unless otherwise noted, all work observed on this dated 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 Serge Sinevod 134-8257-0045, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Utekar,Shrikant	Quality Assurance Inspector
<b>Reviewed By:</b>	Clifford,William	QA Reviewer

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