

**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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-020169**Date Inspected:** 11-Jan-2010**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:** See Below**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 & Tower**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Mike Hasler was present during the times noted above for observations relative to the work being performed.

OBG Segment Name: 6CE-6BE / Trial Assembly

This Caltrans QA inspector observed ZPMC shop workers drilling bolt holes at match plate splices U-ribs across transverse seam weld. QA met with ZPMC Quality Control (QC) inspector, in regards to welding activities at the OBG Trial Assembly. ZPMC QC inspector informed QA that there would be no welding performed tonight.

ZPMC QC inspectors are identified as Mr. Zhang Hai Tao and certified welding inspector (CWI), Mr. Li Yang. The following digital picture illustrates ZPMC worker match drilling fastener holes, joining splice plate to U-ribs across transverse seam weld.

OBG Segment Name: Tower, Lift-1 / Heavy Duty Dock

This Caltrans QA inspector observed that no welding was being performed at the Tower. QA met with ZPMC QC designated inspector assigned to monitor welding activities at the Tower. ZPMC QC inspector informed QA, that there would be no welding performed tonight. ZPMC QC inspectors are identified as Mr. Yang Ming Ming and CWI, Mr. You Qi Guo.

Bay 13, Bay 14 and Bay 19

This Caltrans QA inspector performed work verification at the above mention shop bays. QA observed that no welding was being performed on the Caltrans SAS project.

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## WELDING INSPECTION REPORT

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

**Summary of Conversations:**

“As noted within the contents of this report.”

**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 , who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Hasler, Mike	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley, Ken	QA Reviewer

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