

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Vallejo, CA 94592-1133  
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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-004492**Date Inspected:** 15-Sep-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Jeff Chen**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**Summary of Items Observed:**

On this date, Caltrans Office of Structure Materials (OSM) Quality Assurance Inspector (QA) Raymond Lara was present at jobsite in Zhenhua Port Machinery Company facility on Changxing island, China for the purpose of observing and monitoring the fabrication of the OBG.

**The OBG Building Bay**

The Quality Assurance Inspector performed a walk thru of the Sub Assembly Bay to locate and track down various sub assemblies segments. The Quality Assurance Inspector was provided a list of various sub assembly segment that needed to be located and tested prior of being green tags.

**ID Results**

SP418 ZPMC Quality Control Wang Lu not longer located.

SP407B ZPMC Quality Control Wang Lu missed number should be SP470B

SP602A Visual Inspection discrepancy at the cope holes are not repaired.

EP5A The Quality Assurance Inspector B63 performed magnetic particle testing on 9-12-2008,  
green tagged by Kevin Dye on 9-13-2008

EP7A Inaccessible, located in the center of the shop on the far right corner facing the street.

EP8A The Quality Assurance Inspector B102 performed magnetic article testing on 8-26-2008, green tagged

**Summary of Conversations:**

No relevant conversations on this date.

**Comments**

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## WELDING INSPECTION REPORT

*( Continued Page 2 of 2 )*

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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 Peter Dautermann 150 0219 9593, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Lara, Raymond	Quality Assurance Inspector
<b>Reviewed By:</b>	Wright, Mark	QA Reviewer

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