

**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-003101**Date Inspected:** 20-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****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:****Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Robert Vatcher arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China.

QA Inspector Vatcher performed data analysis for the ABF/Caltrans Partnering Data Analyzation, Welding Report Date Base – CCO 77 dated May 13, 2008, State Letter No: 05.03.01-0011947. QA created welding reports using ABF's web based tool program specifically the Weld Data Log for entering data for weekly welding reports week #11 on the OBG. QA utilized shop drawings, Daily Production Logs and weld detail maps for assist in the data analysis. Research, analysis and Weld Data Log entries took an overall average of 3.0 minutes to date per weld line for inspections codes 2,3 & 4 of the Daily Production Log.

**Summary of Conversations:**

No relevant conversations this date.

**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 Ady Velasco 138-1694-2685, who represents the Office of Structural Materials for your project.

**Inspected By:** Vatcher, Robert

Quality Assurance Inspector

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# WELDING INSPECTION REPORT

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**Reviewed By:** Cochran,Jim

QA Reviewer