

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

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-018039**Date Inspected:** 30-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name:** Shao Jian Yuan

<b>Inspected CWI report:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A

<b>CWI Present:</b>	Yes	No	
<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved WPS:</b>	Yes	No	N/A
<b>Delayed / Cancelled:</b>	Yes	No	N/A

**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

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

**Bay 16-**

This QA Inspector observed the following work in progress: Flux Cored Arc Welding (FCAW) of OBG Segment 13AW Lifting Lug weld, LD3034-001-186. ZPMC welder was identified as 206318. ZPMC QC was identified as Guo Pan. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-TC-U5-F.

**Bay 14-**

This QA Inspector observed the following work in progress: Flux Cored Arc Welding (FCAW) of OBG anchorage plate weld, AP3013-001-031. ZPMC welder was identified as 047866. ABF CWI was identified as Shao Jian Yuan. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2132.

**Blast Bay 1-**

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG segment 11DW external base metal and weld surfaces. Areas requiring light grinding were marked for ZPMC personnel. Items which require repair were recorded for future repair.

---

---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

Blast Bay 2-

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG segment 11EW external base metal and weld surfaces. Areas requiring light grinding were marked for ZPMC personnel. Items which require repair were recorded for future repair.

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

**Summary of Conversations:**

Only general conversation between QA and QC occurred 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 Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Viars,Larry	Quality Assurance Inspector
<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer

---