

**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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003202**Date Inspected:** 29-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yan Hua**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 deck panels**Summary of Items Observed:**

Heavy Duty Machine Shop – Bay 3

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) randomly observed ZPMC CWI Li Yan Hua (CWI) perform a final visual inspection (FVT) and QA Inspector performed a final VT of the repaired closed ribs to deck panel welds on deck panel assembly DP-067-001. QA Inspector agreed with CWI's acceptance and made notation of FVT and QA Inspector's acceptance on the yellow tag attached to the above noted deck panel.

QA Inspector performed a final magnetic particle inspection (FMT) of the repaired closed ribs to deck panel welds on deck panel assemblies DP-042-001, DP-077-001, DP-078-001, DP-080-001. QA Inspector agreed with CWI's acceptance and made notation of FMT and QA Inspector's acceptance on the yellow tags attached to the above noted deck panels.

Fifteen workers were present in this shop as well as ABF QC Fu Yuhong. No welding was being performed. QA Inspector observed a total of 32 deck panels in the shop.

**Summary of Conversations:**

QA Inspector informed ZPMC QC Fu Yuhong of QA Inspector's acceptance of all VT and MT noted above.

**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.

---

---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

---

<b>Inspected By:</b>	Goulet,George	Quality Assurance Inspector
----------------------	---------------	-----------------------------

---

<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer
---------------------	----------------	-------------

---