

**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-024404**Date Inspected:** 13-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Lv Li Qing**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 Segment Assembly**Summary of Items Observed:**

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

Trial Assembly / OBG SA

This QA inspector performed Ultrasonic Testing (UT) approximately 10% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated UT report for this date. The member is identified as OBG SA as per ZPMC notification # 09458.

The weld designations reviewed are as follows:

SA8010-001-001

SA8007-001-001

SA8508-001-001

SA8507-001-001

Trial Assembly / OBG 14W

This QA inspector performed verification Magnetic Particle Testing (MT) approximately 15% of the area that has been previously tested and accepted by ABF Quality Assurance (QA) personnel. This QA Inspector generated MT report for this date. The member is identified as OBG 14W welds as per ZPMC notification # 09487.

---

---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

The weld designations reviewed are as follows:

SEG3020BB-046, 064, 052, 053, 054, 096, 061, 063, 097, 070, 071, 089

**Summary of Conversations:**

No relevant conversations reported on 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 (+86)15000 42 2372, who represents the Office of Structural Materials for your project.

---

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

---