

**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-014009**Date Inspected:** 18-Apr-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

<b>CWI Name:</b>	N/A	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes No N/A	<b>Rod Oven in Use:</b>	Yes No N/A	
<b>Electrode to specification:</b>	Yes No N/A	<b>Weld Procedures Followed:</b>	Yes No N/A	
<b>Qualified Welders:</b>	Yes No N/A	<b>Verified Joint Fit-up:</b>	Yes No N/A	
<b>Approved Drawings:</b>	Yes No N/A	<b>Approved WPS:</b>	Yes No N/A	
		<b>Delayed / Cancelled:</b>	Yes No N/A	
<b>Bridge No:</b>	34-0006	<b>Component:</b>	Orthotropic Box Girder (OBG)	

**Summary of Items Observed:**

OBG # TRIAL ASSEMBLY YARD

Segment 7CW to 7EW (Plumpness/ Flatness) Joint Survey

This QA Inspector performed Joint Inspection with ABF Survey Team for the Deck Panel Diaphragm Plate Plumpness/ Flatness Panel's between Segment 7CW to 7EW between Panel Point (PP) 53 and PP 60 North (Cross Beam side) and South (Counter Weight side) for Deformation. Deformation was measured at 650mm & 710mm. The measured readings were recorded on spread sheet, generated the report and submitted to the Task Leader and Engineer for review.

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

**Summary of Conversations:****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 , who represents the Office of Structural Materials for your project.

---

---

## WELDING INSPECTION REPORT

*( Continued Page 2 of 2 )*

---

---

<b>Inspected By:</b>	Prabhune,Manoj	Quality Assurance Inspector
----------------------	----------------	-----------------------------

<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer
---------------------	------------------	-------------