

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
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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-003734**Date Inspected:** 28-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 800**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>	OBG/Tower	

**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Sherri Brannon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and or discovered the following.

**Bay 4**

No MT performed by Caltrans QA during this shift, on DP630-001 due to unable to locate. ZPMC notification of witness inspection document No: 00929 dated 2008-8-28, 7:30.

**Bay 7**

No MT performed by Caltrans QA during this shift, on LD006-003, LD001-011, LD003-018, LD010-005, LD022-001, LD036-016, LD004-015, LD004-016 and LD002-012 due to unable to locate. ZPMC notification of witness inspection document No: 00929 dated 2008-8-28, 7:30.

**Bay 7**

No MT performed by Caltrans QA during this shift, on FB033-001 due to unable to locate. ZPMC notification of witness inspection document No: 00934 dated 2008-8-28, 19:07.

**Bay 7**

NDT Inspection Caltrans QA - Caltrans QA Inspector performed magnetic particle testing (MT) on the following.

1). FB010-006 Far Side – Weld joints #'s 002, 010, 013, 014, 021, 022, 027~030, 033~038, 041, 042, 044, 045, 047, 048 and 061.

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2). FB015-005 Far Side – Weld joints #'s 002, 010, 013, 014, 021, 022, 027~030, 033~038, 041, 042, 044, 045, 047, 048 and 061.

2). FB036-001 Far Side – Weld joint # 148

See Caltrans Magnetic Particle Test Report, TL-6028 dated August 28, 2008 for additional information.

### Summary of Conversations:

No relevant conversations to report.

### 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 13816942685, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Brannon, Sherri	Quality Assurance Inspector
<b>Reviewed By:</b>	Lanz, Joe	QA Reviewer

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