

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024792**Date Inspected:** 29-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

<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	

**Summary of Items Observed:**

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

**BLAST INSPECTION**

Blast Shop-2

OBG Lift 14W

This Quality Assurance (QA) Inspector performed Post blast visual inspection (VT) of internal surfaces of bottom plates in between PP125 to PP126 of the OBG 14W {CW Side}, Areas marked up for weld repair were recorded on a weld map for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

OBG Bay 16

This QA performed random in process Visual Testing (VT) on various weld joints in the OBG Steel barriers in OBG Bay 16. The component and welds are identified as stiffeners to cover plates of barrier. All welds tested appeared to be in general compliance with the applicable contract documents.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable

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# WELDING INSPECTION REPORT

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contract documents.

**Summary of Conversations:**

No relevant conversations were 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 James Devey-15000026784, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Singh, Vikram	Quality Assurance Inspector
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<b>Reviewed By:</b>	Riley, Ken	QA Reviewer
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