

**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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000634**Date Inspected:** 15-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2000**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>	Plate Material	

**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Item-1

Plate Material Storage Yard:

Quality Assurance (QA) Inspector Smith did received plate material list for batch #22, production plate list No. 1812 through 1855 was received from American Bridge/Fluor (ABF). QA Inspector did go to the Zhenhua Port Machinery Company (ZPMC) material storage yard accompanied by ZPMC Quality Assurance Mr. Fu Yuhong. QA Inspector Smith observed a total of 14 out of 44 plates for batch #22. Each of the plates thickness, widths and lengths were physically measured and observed for their general condition and markings. Plate material thicknesses range from 20mm to 25mm. The plates were designated as A709M-345F2-X. The Material Test Reports (MTR's) for the Plate Material list #22 were not be received by this Caltrans QA Inspector. AS per Caltrans QA Inspector Bruce Berger the MTR's were received and reviewed by another Caltrans QA Inspector prior to the plate inspection. The QA Inspector Smith assigned lot number B-90-001-07 to the 14 plates observed on this date.

**Summary of Conversations:**

There were no pertinent conversations pertaining to the project during this shift.

**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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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<b>Inspected By:</b>	Smith,David	Quality Assurance Inspector
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<b>Reviewed By:</b>	Cochran,Jim	QA Reviewer
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