

**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-000354**Date Inspected:** 14-Aug-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**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>	Receive Steel Plate	

**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Charlie Franco was present at the time requested to observe material received in the ZPMC yard today. There were a total of 42 plates received for production with thicknesses ranging from 8 millimeters to 20 millimeters. The plates were ASTM A709M-345T2, ASTM A709M-345T2-X and ASTM A709M-345T2-X-S material and were accompanied with material test reports (MTR). The MTRs could not be reviewed on the day the plates were observed for their general condition and markings but will be reviewed at the earliest opportunity. The QA Inspector assigned Caltrans Lot Number B75-51-07 to the 53 steel plates received on Tuesday 08-13-07 and Caltrans Lot Number B75-52-07 to the 42 steel plates received today 08-14-07. The attached photograph provides additional detail.

**Summary of Conversations:**

The QA Inspector asked ZPMC QA Representative Shen Zue Jun why the lot was a total of 95 plates and not 96, and Mr Jun informed the QA Inspector that one plate had been pulled because the Material Test Report was rejected.

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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## 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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<b>Inspected By:</b>	Franco,Charlie	Quality Assurance Inspector
<b>Reviewed By:</b>	McClary,David	QA Reviewer

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