

**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-000884**Date Inspected:** 21-Nov-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**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>	Plate Receiving	

**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Tim McClendon 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.

Quality Assurance (QA) Inspector Tim McClendon received plate material list for:

**Item 1**

Batch #39, production plate list No. 2564 ~ 2607 received from American Bridge/Fluor (ABF). QA Inspector McClendon went to the ZPMC material storage yard accompanied by ZPMC Quality Control Miss Cindy Lu. QA Inspector McClendon observed a total of 44 plates for batch #39. The plates were observed for their general condition and markings. Plate material thickness was 12mm ~ 35mm. The plates were designated as A709M-345T2-X-S, A709M-345F2-Z and A709M-345F2-X. Plate material list for batch #39 was accompanied with material test reports (MTR's). The MTR's could not be reviewed on this date and will be reviewed at the earliest opportunity. QA Inspector McClendon assigned lot number B94-023-07 to the 44 plates observed on this date.

**Item 2**

Batch #40, production plate list No. 2608 ~ 2610 received from American Bridge/Fluor (ABF). QA Inspector McClendon went to the ZPMC material storage yard accompanied by ZPMC Quality Control Miss Cindy Lu. QA Inspector McClendon observed a total of one plate for batch #40. The plate was observed for its general condition and markings. Plate material thickness was 90mm. The plate was designated as A709M-345T2-Z. Plate material

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## WELDING INSPECTION REPORT

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list for batch #40 was accompanied with material test reports (MTR's). The MTR's could not be reviewed on this date and will be reviewed at the earliest opportunity. QA Inspector McClendon assigned lot number B94-024-07 to the one plate observed on this date.

**Summary of Conversations:**

No relevant conversations spoken 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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	McClendon,Timothy	Quality Assurance Inspector
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<b>Reviewed By:</b>	Cuellar,Robert	QA Reviewer
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