

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-000732**Date Inspected:** 01-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

CWI Name:	N/A	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes No N/A	
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes No N/A	
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes No N/A	
Approved Drawings:	Yes No N/A	Approved WPS:	Yes No N/A	
		Delayed / Cancelled:	Yes No N/A	
Bridge No:	34-0006	Component:	Plate Material	

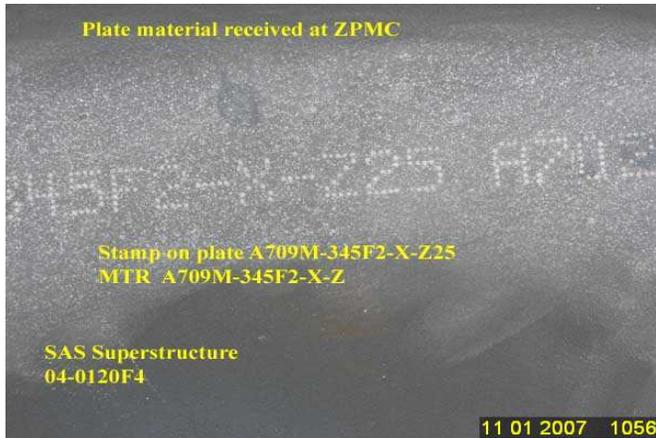
Summary of Items Observed:

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 batch #30, production plate list No. 2215~2243 received from American Bridge/Fluor (ABF). QA Inspector McClendon went to the ZPMC material storage yard accompanied by ZPMC Quality Control Mr. Sun bo. QA Inspector McClendon observed a total of 19 out of 29 plates for batch #30. The plates were observed for their general condition and markings. Plate material thicknesses range from 14mm to 28mm. The plates were designated as A709M-345T2-X, A709M-345F2-X-Z25, A709M-345F2-X-Z, A709M-345F2-X and A709M-345T2-X-S. Plate material list for batch #30 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 B94-005-07 to the 19 plates observed on this date. One plate, production plate list - No.2231, I.D. - WY070306Q089, Thickness - 18mm, Width - 1800mm, Length - 10000mm, Grade- A709M-345F2-X-Z, Heat No. - A702186-9-2, Batch No. - 7100656N, was placed on hold by ABF Jeff Evins because of a discrepancy in grade of material on MTR which has A709M-345F2-X-Z and manufactures stamp on plate which has A709M-345F2-X-Z25. Plate will be on hold until correction/verification can be determined.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

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

Inspected By:	McClendon, Timothy	Quality Assurance Inspector
----------------------	--------------------	-----------------------------

Reviewed By:	Cuellar, Robert	QA Reviewer
---------------------	-----------------	-------------