

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-000524**Date Inspected:** 26-Sep-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:			

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector Sherri Brannon 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.

Material Test Reports:

Quality Assurance (QA) Inspector Brannon received plate material list for batch #19, plate list No. 1536~1606 received from American Bridge/Fluor (ABF). QA Inspector Brannon went to the ZPMC material storage yard accompanied by ZPMC Quality Assurance Mr. Zhang Tiadi. QA Inspector Brannon observed a total of 1 out of 71 plates for batch #19. The plates were observed for their general condition and markings. Plate material thicknesses range from 6mm to 20mm. The plates were designated as A709M-345T2-X and A709M-345T2-X-S. Plate material list for batch #19 was accompanied with material test reports (MTRs). The MTRs could not be reviewed on this date and will be reviewed at the earliest opportunity. QA Inspector Brannon assigned lot number B22-042-07 to the 1 plate observed on this date.

Quality Assurance (QA) Inspector, Sherri Brannon worked on setting up notebooks and filing submittal's, state letter's of approval and welding quality control plan addendums (WQCP). Also, worked on updating spreadsheets and creating tracking logs for tracking various QA, Office of Structural Materials (OSM) functions.

Summary of Conversations:

No relevant conversations on this date.

Comments

WELDING INSPECTION REPORT

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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:	Brannon, Sherri	Quality Assurance Inspector
Reviewed By:	Cuellar, Robert	QA Reviewer
