

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: 13.9/14.3,0.0/1.6File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000854**Date Inspected:** 14-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 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.

QA Inspector Timothy McClendon received plate material list for:

Item 1

Batch #31 production list No. 2305, Size - 18mm, Grade – A709M-345F2-X-Z25. QA Inspector assigned lot number B94-019-07 to this plate. It appears no discrepancies exist on this plate.

Item 2

Batch #34 production list No. 2308 ~2348 of these No. 2308 ~ 2313 and 2315 ~ 2348 were inspected by this QA inspector. Grade of material include A709M-345T2-X, A709M-345F2-X A709M-345T2-X-S, Sizes of Material include 12mm ~ 26mm. One plate, Number 2321, I.D. Number WY070716Q106, Thickness 12mm, Width 3550, Length 11000, Grade A709M-345F2-X, Batch No. A717752-3, Heat No.7103376N, MTR No. 4385 was not accepted because plate had deformation on outer edge. QA Inspector assigned lot number B94-018-07 to this plate. It appears no discrepancies exist other than the previously mentioned plate.

Item 3

Batch #35 production list No. 2359, Size - 14mm, Grade – A709M-345T2-X-S. QA Inspector assigned lot number B94-017-07 to this plate. It appears no discrepancies exist on this plate.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Item 4

Batch #36 production list No. 2402 ~2452 of these No. 2452 ~ 2408, 2410,2412, 2415, 2416, 2419 ~ 2422, 2429, 2437, and 2439 were inspected by this QA inspector. Grade of material include A709M-345T2-X, A709M-345F2-X A709M-345T2-X-S, Sizes of Material include 14mm and 20mm. QA Inspector assigned lot number B94-020-07 to this plate. It appears no discrepancies exist on these plates.



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.

Inspected By:	McClendon, Timothy	Quality Assurance Inspector
Reviewed By:	Cuellar, Robert	QA Reviewer
