

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019861**Date Inspected:** 01-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Yu Jiao (ABF)**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:** BAY 14 OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector Robert A. DeArmond was present during the time noted above and conducted observations relative to the work being performed.

OBG BAY 14

This QA Inspector observed the following work in progress:

FCAW welding of fillet weld joint(s) located on 13BE SEG 3009H-001 Floor Beam to Rib Stiffener weld number(s) 087, 082, 137, and 144. Welder is identified as welder no. 069683. The welding variables recorded by ZPMC QC identified as An Qing Xiang appeared to comply with applicable WPS(s) WPS-B-P-2214-TC-U4b-FCM-1.

FCAW welding of fillet weld joint(s) located on 13BE SEG 3009H-001 Floor Beam to Rib Stiffener weld number(s) 138 and 145. Welder is identified as welder no. 069683. The welding variables recorded by ZPMC QC identified as An Qing Xiang appeared to comply with applicable WPS(s) WPS-B-P-2214-TC-B42-FCM-1

FCAW welding of fillet weld joint(s) located on 13CE SEG 3011L-001 Floor Beam to Rib Stiffener weld number(s) 255. Welder is identified as welder no. 052696. The welding variables recorded by ZPMC QC identified as An Qing Xiang appeared to comply with applicable WPS(s) WPS-B-T-2233-ESAB.

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FCAW welding of fillet weld joint(s) located on 13CE SEG 3011L-001 Floor Beam to Rib Stiffener weld number(s) 245. Welder is identified as welder no. 066041. The welding variables recorded by ZPMC QC identified as An Qing Xiang appeared to comply with applicable WPS(s) WPS-B-T-2233-ESAB.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As mentioned above between QA and QC concerning this project.

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 Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	DeArmond,Robert	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer
