

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-022231**Date Inspected:** 26-Feb-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:** See Below**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:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Mike Hasler was present during the times noted above for observations and testing relative to the work being performed.

Bay 11

This QA inspector observed ZPMC in process of SMAW welding on Re-Built traveler rail assembly 20TR2-030. ZPMC CWI Yu Dong Ping was present at this time of this observation and informed this QA inspector of the work that is in process. It was stated that ZPMC had 5 welders and identified the welders by ZPMC welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

Weld- 20TR2-030-011

WPS-B-P-2212-TC-U5b

Welder- 044511, 052930, 052493, 500363, 044511

2G/SMAW/CJP

Trial Assembly

This QA inspector performed a random observation for the OBG. During the observation performed it was noted that at Trial Assembly ZPMC was in process of welding on Lift 12. ZPMC CWI Li Yang was present at this time of this observation and informed this QA inspector of the work that is in process. It was stated that ZPMC had 3 welders and identified the welders by ZPMC welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

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CB17

Weld-SEG3004AG-001, 002, 005, 006

WPS-B-T-2133-ESAB

Welder-040775

3F/FCAW

CWR2815

12BE + 12CE

Weld- SEG3002A-001

WPS-345-SMAW-2G(2F)-FCM-Repair

Welder-044504

2G/SMAW/CJP

CWR2821

12BW + 12CW

Weld- OBW12C-001

WPS-345-SMAW-1G(1F)-FCM-Repair

Welder-046709

1G/SMAW/CJP

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

Summary of Conversations:

“As noted within the contents of this 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 James Devey 1500026784, who represents the Office of Structural Materials for your project.

Inspected By:	Hasler, Mike	Quality Assurance Inspector
Reviewed By:	Riley, Ken	QA Reviewer
