

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-024579**Date Inspected:** 29-May-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.

Trial Assembly

This QA inspector performed a random observation for the OBG. During the observation performed it was noted ZPMC was in process of welding on 14E. ZPMC QC inspector Zhan Hai Feng was present at this time of this observation and informed this QA inspector of the work that is in process and identified Li Peng Fei as the CWI. It was stated that ZPMC had 4 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;

14E

Weld- SEG3019E-001-170

Welder- 068859

2G/SMAW

14E

Weld- SEG3019*-019

Welder- 215553

2G/SMAW

14E (WR21051)

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Weld- SEG3019*-015

Welder- 216086

4G/SMAW

14E (WR21107)

Weld- SEG3019AH-001, 003

Welder- 044779, 066733

2G/SMAW

Pre-Blast Inspection

QA performed post blast VT inspection of interior welds/surfaces per ZPMC/ABF notification #6771 on OBG segment 13AW, end seam weld to PP118, between KP3009A (SEG3013R) and LD3031A (W4 at SEG3013S) and approximately 1500mm below bottom of deck plate. ABF inspector Kelvin Cheung was informed of the inspection results.

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 15000026784, who represents the Office of Structural Materials for your project.

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