

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-021395**Date Inspected:** 02-Feb-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Geng Wei**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:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

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This QA Inspector observed the following work in progress: Shielded Metal Arc Welding (SMAW) of OBG Segment 13AE "K" plate weld, SEG3007E-237. ZPMC welders were identified as 200113. The welding appeared to be in conformance with Weld Repair report B-WR 20220 and welding procedure specification, WPS-345-SMAW-3G(3F)-FCM-Repair-1.

Flux Cored Arc Welding (FCAW) of OBG Segment 13AE bearing plate to floor beam weld, SEG3007AU-068. ZPMC welder was identified as 055491. ZPMC QC was identified as Zhong Yong Hong. The welding appeared to be in conformance ZPMC with welding procedure specification, WPS-B-T-2233-ESAB.

Flux Cored Arc Welding (FCAW) of OBG Segment 13BE deck panel diaphragm to floor beam flange weld SEG3009B-006. ZPMC welder was identified as 066881. ZPMC QC was identified as Mr. Zhong Yong Hong. ZPMC CWI was identified as Geng Wei. The welding appeared to be in conformance ZPMC with welding procedure specification, WPS-B-T-2232-ESAB.

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

WELDING INSPECTION REPORT

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Summary of Conversations:

Only general conversation between QA and QC occurred 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 Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
