

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-021353**Date Inspected:** 02-Jan-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 Structure**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Mr. Manuel Teall was present during the times noted above for observations relative to the work being performed at ZPMC.

This QA Inspector randomly observed the following work in progress:

Shielded Metal Arc Welding (SMAW) This QA Inspector observed the welding operation per the (SMAW) process in the (2G) position on a weld joint identified as SEG3019BB -191. The welder is identified as 044772. The ZPMC Quality Control (QC) is identified as Mr. Geng Wei. The welding variables recorded by QC appeared to comply with WPS-345-SMAW-2G(2F)-Fcm-Repair-1

Flux Cored Arc Welding (FCAW)

This QA Inspector observed the welding operation per the FCAW process in the 2G position on a weld joint identified as SEG3009B-006 .OBG Segment. The welder is identified as 066881. ZPMC Quality Control (QC) is identified as Mr. Zhong Yong Hong. The welding variables recorded by QC appeared to comply with WPS-B-T-2232-ESAB

Flux Cored Arc Welding (FCAW)

This QA Inspector observed the welding operation per the FCAW process on a weld joint identified as SEG3007AV-077 .OBG Segment. The welder is identified as 055564. ZPMC Quality Control (QC) is identified

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as Mr.Zhong Yong . The welding variables recorded by QC appeared to comply with WPS-B-T-2232-ESAB

No relevant conversations were reported on this date.

Summary of Conversations:

No relevant conversations were reported 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 Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Teall,Manuel	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
