

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013363**Date Inspected:** 30-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC) Chanxing Island**Location:** Shanghai, China**CWI Name:** Mr. 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 Segment**Summary of Items Observed:**

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

Bay 14

This QA inspector observed ZPMC qualified welding personnel identified as 207540 perform Shielded Metal Arc Welding (SMAW) Welding on Segment 12CW, weld joint identified as SEG3006*-001. ZPMC QC is identified as Mr. Xu Tao. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2211-B-U2-FCM-1.

This QA inspector observed ZPMC qualified welding personnel identified as 054013 perform FCAW Welding on Traveler Rail, weld joint detail identified as 10TR2-016-014. ZPMC QC is identified as Mr. Guo Pan. The approved Critical Welding Repair Report (CWRR) is identified as B-CWR1086. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-345-FCAW-2G (2F) Repair.

OUTSIDE YARD

This QA inspector observed ZPMC qualified welding personnel identified as 051348 perform SMAW Welding on Segment 9AW, weld joint detail identified as SEG049A-010. ZPMC QC is identified as Mr. Wang Wei Ming. The approved Welding Repair Report (WRR) is identified as B-WR10499. The welding parameters as measured using

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

QC's calibrated instruments appeared to be in general compliance with WPS-345-SMAW-4G (4F)-FCM-Repair-1.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

Only general conversation was held 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 , who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Vibin	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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