

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008572**Date Inspected:** 01-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi Jiang**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&Tower**Summary of Items Observed:**

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

Bay# 2

Visual Inspection

Caltrans Quality Assurance (QA) Inspector observed that ZPMC Quality Control (QC) Inspector Songhui wuzhicheng was not present during the welding operations in OBG SEG 1D-001 Bay 2 during the time of QA observations from 02.45 to 03.50. This time frame exceeds the 30 minute maximum allowable time lapse for QC Inspection coverage as required by Section 8-3 of the Special Provisions. For this the incident report was sent to Task leader and other supervisor

This QA Inspector randomly observed the following work in progress.

Bay#10

FCAW welding process of the weld joint 42 located on PCM SSD1-TL5-K/L. Welder is identified 057266 ZPMC QC is identified Wing Chuangng. The welding variables recorded by QC appeared to comply with the WPS-B-T-2233-B-U2A-F-1

WELDING INSPECTION REPORT

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BAY#11

FCAW welding process of the weld joint 55 located on PCM ESD1-TL7-J/C. Welder is identified 040723 ZPMC QC is identified Lile. The welding variables recorded by QC appeared to comply with the WPS-B-T-2331-TC-P4-F.

SMAW welding process of the weld joint 3A located on PCM NSD1-A476-77M-1. Welder is identified 040611 ZPMC QC is identified Yu Dongping. The welding variables recorded by QC appeared to comply with the WPS-485-SMAW-24(2F)-Repair

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

Summary of Conversations:

No relevant conversation

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 + (86) 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Utekar,Shrikant	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
