

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

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-026909**Date Inspected:** 11-Aug-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:** Shigang/Jun**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 Bike Path**Summary of Items Observed:**

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

Bay 19

In Process Inspection FCAW

This QA Inspector observed the following work in progress: FCAW welding of weld joint 266 located on BK9003A5-001. Welder is identified as 062808. ZPMC Quality Control (QC) is identified as Peng Wen Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

This QA Inspector observed the following work in progress: FCAW welding of weld joint 256 located on BK9003A5-001. Welder is identified as 062808. ZPMC Quality Control (QC) is identified as Peng Wen Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Grinding

This QA Inspector observed at random intervals, ZPMC personnel performing grinding of weld 006 on Bike Path BK9003-001 for OBG Bike Path.

Visual Inspection

---

---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 09936.

This QA inspector performed VT of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel.

The members are identified as:

BK9003A8-001-003, 011

BK9003A9-001-005, 012, 018

BK9003A2-001-126, 127

BK9003A5-001-179, 180

BK9003A6-001-103, 104

## Ultrasonic Testing Inspection (UT)

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 09936.

This QA inspector performed UT of approximately 10% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated a UT report for this date.

The members are identified as:

BK9003A8-001-003, 011

BK9003A9-001-005, 012, 018

BK9003A2-001-126, 127

BK9003A5-001-179, 180

BK9003A6-001-103, 104

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

### **Summary of Conversations:**

No relevant conversations.

### **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 at 15000422372, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Leavitt,Scott	Quality Assurance Inspector
----------------------	---------------	-----------------------------

---

<b>Reviewed By:</b>	Clifford,William	QA Reviewer
---------------------	------------------	-------------