

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002499**Date Inspected:** 07-May-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1530**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2200**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu 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**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) Inspector Edward Leach was present to randomly observe and document the welding and Quality Control (QC) functions performed by ZPMC personnel relative to the fabrication of SAS Superstructure project. While on site, the QA Inspector noted the following work.

At the request of Structural Materials Representative (SMR) Ady Valesco the QA Inspector located four (4ea) deck panels designated as DP111-001, DP111-002, DP084-001 and DP140-001. The QA Inspector was informed by dayshift turnover that these panels were located in bay 1 and later found that the deck panels were re-located by ZPMC. Later in the shift the QA Inspector was informed by ZPMC Project Manager Xu Jun that the deck panels were located outside the new OBG assembly shop. This information was later relayed by e-mail to task leaders Robert Cuellar, Albert Carreon and SMR Ady Valesco.

Bay 3

The QA Inspector performed visual inspection for DP008-001. This visual inspection was performed after initial inspections were performed and ZPMC performed excavations for repairs. The QA Inspector measured Y coordinates, excavation lengths, depths and recorded the information onto a Caltrans repair inspection report. The QA Inspector also observed ZPMC personnel perform initial magnetic particle testing (MT) for these excavations. The following picture below details the MT in process.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

As noted above in report.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Leach,Ed	Quality Assurance Inspector
----------------------	----------	-----------------------------

Reviewed By:	Carreon,Albert	QA Reviewer
---------------------	----------------	-------------