

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-002120**Date Inspected:** 19-Apr-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2000**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2230**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Huang Wen Pang**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.

Bay 4

Upon arriving to the shop, the QA Inspector received a copy of the daily ZPMC notification to witness inspection list and agreed to perform 10% magnetic particle testing (MT) on several side panels and bottom panels that were listed on the inspection list. The QA Inspector along with QA Inspector David Kelsey arrived in bay 4 to locate the provided panel designations on the ZPMC and was unsuccessful at locating the material. The QA Inspector then had a conversation with ZPMC QC personnel Huang Wen Pang and inquired about the location of these panels. Mr. Huang Wen Pang spent several minutes in bay 3 and bay 4 attempting to locate the material. After brief conversation with other ZPMC personnel, Mr. Huang Wen Pang informed the QA Inspector that the material is located at the new OBG shop. The QA Inspector located the material outside the new OBG shop and observed the the panels were inaccessible as they were stacked uncovered outside the new OBG shop. The panels were also wet due to periods of on and off rain throughout the shift. This information was transferred to a daily tie-in log on this date.

Summary of Conversations:

As noted above in contents of report.

Comments

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

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:	Cuellar,Robert	QA Reviewer
