

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-025177**Date Inspected:** 29-Jun-2011**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:** See Below**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:**

Caltrans Office

This QA Inspector performed ultrasonic machine "Horizontal Linearity" and "Decibel Accuracy" verifications reference AWS D1.5 paragraphs 6.22.1 and 6.22.2 of Krautkramer ultrasonic machines, model USN-58L serial numbers 01X54H and 01X54J. Note: AWS D1.5 requires these calibration verifications be performed at a time span of every two months. A calibration sticker was completed and attached to each of the ultrasonic machines and a calibration form was completed, signed and filed in the NDE binder, located in the Caltrans office for each of these machines.

ZPMC presently has OBG segments 13 East, 13 West, 14 East and 14 West in separate blasting / painting facilities and ZPMC has recently commenced painting activities on portions of each of these segments. This QA Inspector performed reviews of the contract Special Provision relating to base material inspections and preparation of steel surfaces prior to application of coatings (paint).

Summary of Conversations:

See Above.

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 phone: 150-0042-2372, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By:	Dawson,Paul	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer
