

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-002809**Date Inspected:** 04-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1930**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Chih-Ming**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 side and bottom panels and tower diaphragm**Summary of Items Observed:**

NOTE: Due to ZPMC ferry cancellation this afternoon QA did not arrive to Changxing Island until 19:30 hrs.

OBG new assembly bay 2

QA performed 10% verification Ultrasonic Testing (UT) on the following floor beam weld joints: SSD12A-PP028-006 and SSD11A-PP027-006. All welds examined appeared to be compliant with AWS D1.5 2002 and the contract documents.

QA noted that there was no welding being performed in this bay at the time QA was present.

Other general observations include ZPMC personnel grinding side and bottom panels and weld bevel prep.

OBG bay

QA received written notification ("notification of witness inspection" document# 00480) on this date from ZPMC QC department concerning UT on tower diaphragm plates WSD1-SA238A/B-4A, 4B, WSD1-SA238A/B-3A, 3B and WSD1-SA318A/B-3A, 3B. Notification stated that UT would be conducted by ZPMC QC at 13:45 hrs. QA arrived at approximately 2130 hrs to perform 10% verification UT. QA was unable to locate the above mentioned diaphragm plates. There were no ZPMC personnel in this bay at the time QA was present.

Only general conversations were held between QA and QC concerning this project.

WELDING INSPECTION REPORT

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Summary of Conversations:

Only general conversations were held between QA and QC concerning this project.

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 Patrick Lowry (858)-344-2712, who represents the Office of Structural Materials for your project.

Inspected By:	Hall,Steven	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
