

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-001439**Date Inspected:** 19-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 630**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Sun Wei**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:** 114, 77, DP-060**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

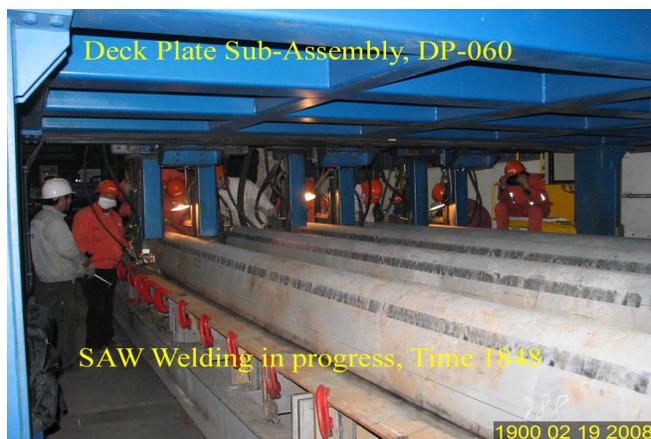
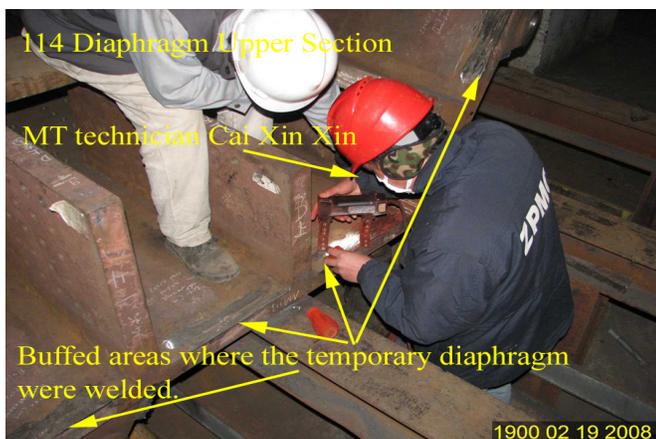
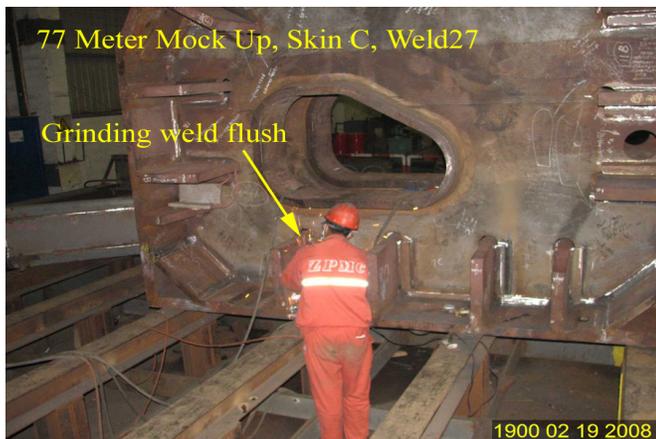
Bay 1, Deck Plate Sub-Assembly DP-060 was observed as Shielded Arc Welding (SAW) was in progress at 1830 hours. The CWI for Zhenhua Port Machinery Company (ZPMC) was Mr. Sun Wei. The welders were 1. Han Changhou #059464, 2. Chen Jie #059468, 3. Gao Xindong #059361, 4. Jiang Tinguang #062265 & 5. Zhao Chengshuang #059400. Welding has been completed on welds #1 through 10. Deck Plate DP-013 having three ribs number U53, U56 and U203 was also having the run off plates tac welded in position. The WPS was posted as required WPS-B-T-2342-U2 (U-Rib)

Bay 2, 114 Meter Mock Up Upper Section. The Magnetic Particle (MT) Testing of the buffed off areas around the inside top plate where the temporary diaphragm had been welded were visually monitored by this Caltrans QA inspector. There were no discrepancies noted during these tests or the random MT testing of these same areas performed by this Caltrans QA Inspector.

Bay 2, 77 Meter Mock Up, MUSA-SA104. A visual observation was performed by this Caltrans QA Inspector of a ZPMC employee grinding the number 27 weld cap smooth.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

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: Smith,David

Quality Assurance Inspector

Reviewed By: Cochran,Jim

QA Reviewer
