

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-001609**Date Inspected:** 25-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:** Chen Xi**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:** Deck Panel**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 Panel Assembly DP-019-001. SAW Welding being performed on the Rib to Plate areas by welders Chen Xi #059468, Gao Xindong #059361, Jiang Ting Gunag #062265, Zhang Shao Hui #059403 and Dong Yiqun #059450. The WPS-B-T-2342-U (U-Rib)-3 was posted in an appropriate place and the CWI for that area was Chen Xi with the QC being Meng Lin Nan.

Bay-1, Deck Panel Assembly DP-064-001. Tack welding at the Rib to Plate areas was being performed by Sheng Qizhen #059401 and Hao Long #059446. The wire utilized was JM-56 which was 1.2mm in diameter. The ZPMC QC on duty was Duan Ya Bing and the WPS -B-T-2342-U2(U-Rib) was posted.

Bay-1, Rib Plate, drilled holes were observed being drilled into the ends of the rib plates while utilizing a template. Tower Shop, 89 Meter Mock Up. Holes were observed being drilled into the top outside face of Plate MA-21-1 with the use of a template.

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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
