

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-001860**Date Inspected:** 08-Mar-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:** Xu Xianping**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 DP-74 Plate 118B was being welded by the following welders, welds 1 & 3 Chen Jie #059468, welds #2 & 4 Xiang Jie #059378, welds #5 & 7 Gao Xindong #059361, welds #6 & 8 Song Yin Shu #059421, weld #9 Xiang Shaohui #059403 and weld #10 Xiang Huan Feng #059416. The CWI present was Xu Xianping and the QC was Shi Lei. The WPS that was posted was WPS-B-T-2342-U1 (U Rib)-3.

Rib U-118 DP-077-001 weld #34 was being welded by ZPMC FCAW welder Zhao Cheng Shuang #059400 using procedure WPS-B-T-2133. The QC present was Xu Xiao Jun.

Deck Panel Assembly DP 80 PL-119A Welds 1 through 10 was in the process of being welded by the following welders,

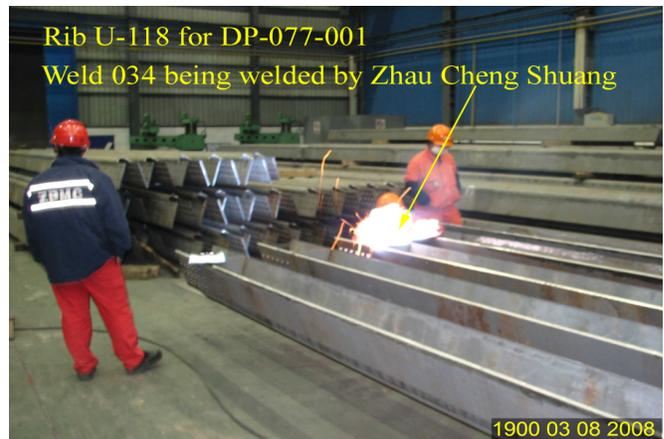
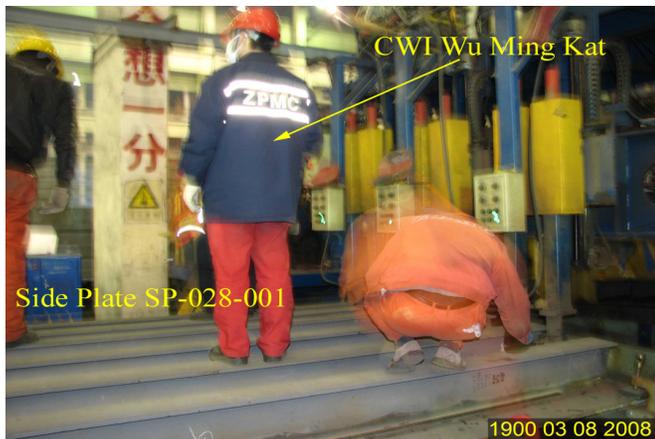
Weld 1 Feng Chuan Hong #059371, welds #2 & 4 Jiang Ting Guang #062265, weld #3 Yuan Feng Chuan #059355, welds #5 & Xu Guo Yin #059443, weld 6 Xuang Huan Feng #059416 and weld #8 Zhang Shao Hui #059403. the WPS utilized was WPS-B-T-2342-U1 (U Rib)-3 and the CWI present was Xu Xianping and the QC was Chen Shi Gang.

Bay-3 Side Plate Assembly SP-028-001 Welding was being performed by ZPMC welders Li Zhaoqian #048810 (welds 15/16), Li Xuehua #058174 (welds 19/20) and Li Shuqiang #053609 (welds 22/34). The welding procedure used was WPS_B-T-2132-3 using Supercored 71H 1.4mm diameter wire. The QC was Guo Yang Wei and the CWI was Wu Ming Kat.

New OBG Building Bay-2, A Magnetic Particle Test (MT) was performed on a minimum of 10% of the welds total length on Side Plate SP 61B welds 023 through 034 with no relevant indications being noted. The MT test was conducted using a Parker Contour Probe Model DA 400S S/N 15674 with a calibration due date of 6-25-2008.

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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: Hager, Craig

QA Reviewer