

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-001444**Date Inspected:** 12-Nov-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1330**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:** Xu Fe Feng**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:** 77 & 89 Mock-Up**Summary of Items Observed:**

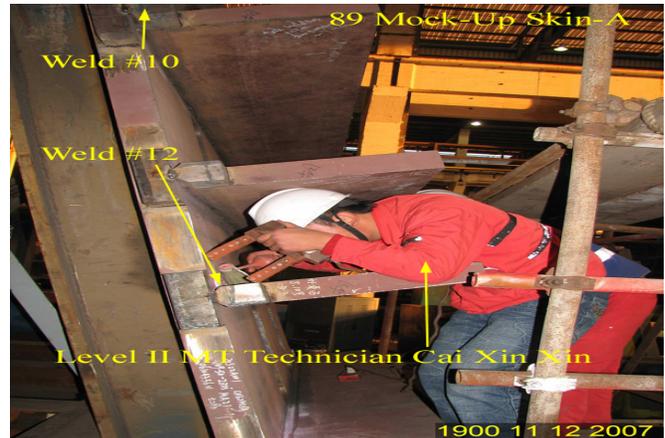
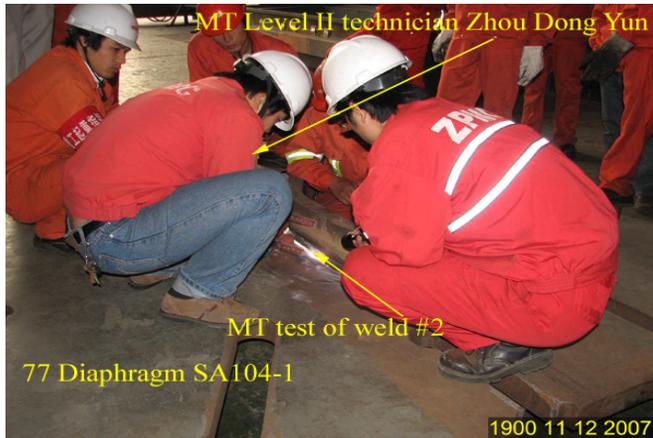
On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Item-1 77 Diaphragm SA104-1. A Magnetic Particle (MT) test had previously been performed on weld #2 and was not monitored by this Caltrans QA Inspector as was weld #1. The MT testing for weld #1 was performed by Zhenhua Port Machinery Company (ZPMC) Level II technician Zhou Dong Yun and was monitored through out the testing. The ZPMC QC present was Wang Wei. This Caltrans QA Inspector did MT selected areas of welds #1 and #2 and found them to be in compliance with the project specifications.

Item-2 89 Meter Mock-Up Skin-A. The MT testing performed by ZPMC Level II technician Cai Xin Xin of welds #10 and #12 on the stiffener plates MP504-3 (weld 10) and MP504-2 (weld 12) was visually observed by this QA Inspector. This QA Inspector did MT test selected areas of each weld listed above and found them to be in compliance with the project specifications. The CWI present was Xu Fe Feng.

WELDING INSPECTION REPORT

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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