

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-000783**Date Inspected:** 05-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 Le 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:** 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;

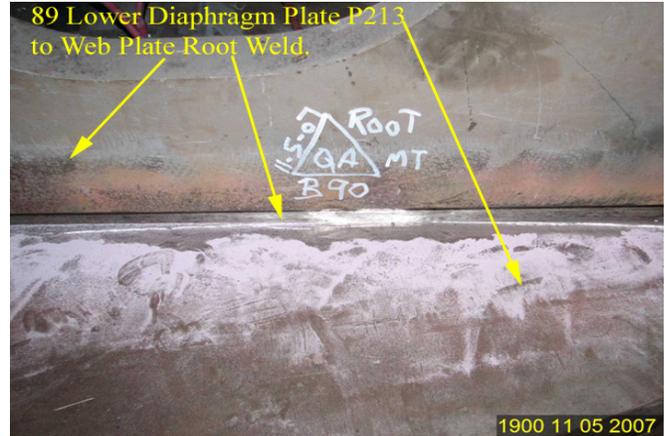
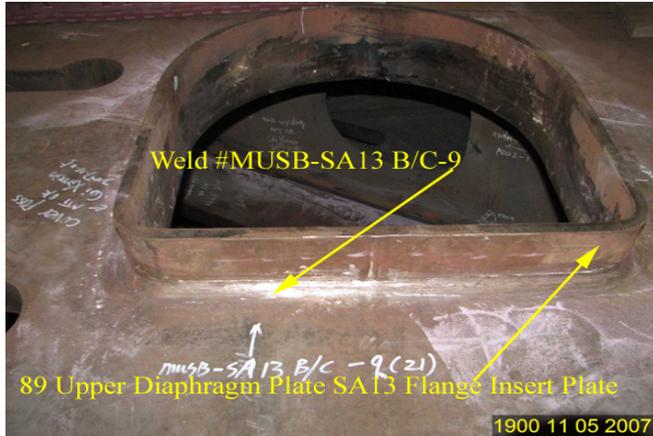
Item-1 89 Meter Mock-Up Skin-B MA24. A Magnetic Particle (MT) test was witnessed being performed by Zhenhua Port Machinery Company (ZPMC) Level II MT technician Cai Xin Xin on welds #11, 12, 13, 15 & 17. The web plates #P720-1, P721-1, P138-1 & P842-1 to Stiffener plates #MP531-1 & MP531-2 and to Bottom plates #MP24-1 and MP505 cover pass welds were randomly MT tested by this Caltrans QA Inspector and found to be in compliance with the project specifications.

Item-2 89 Lower Diaphragm #P213 to web plates P720-1, P721-1, P138-1 and P842-1 root welds 3, 4, 7, 8, 15, 16, 19 & 20 were visually monitored during the MT test performed by ZPMC Level II technicians Cai Xin Xin and Zhou Dong Yun and were found to be acceptable. A random MT test on the welds listed above was conducted by this QA Inspector and were found to be in compliance with the project specifications.

Item-3 89 Upper Diaphragm Plate #SA13 to Flange Insert Plate #P330 weld #MUSB-SA13 B/C-9 was MT tested by this QA Inspector and was found to be in compliance with the project specifications.

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