

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-001474**Date Inspected:** 18-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**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:** Li Zhi Jiang**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:** OBG**Summary of Items Observed:**

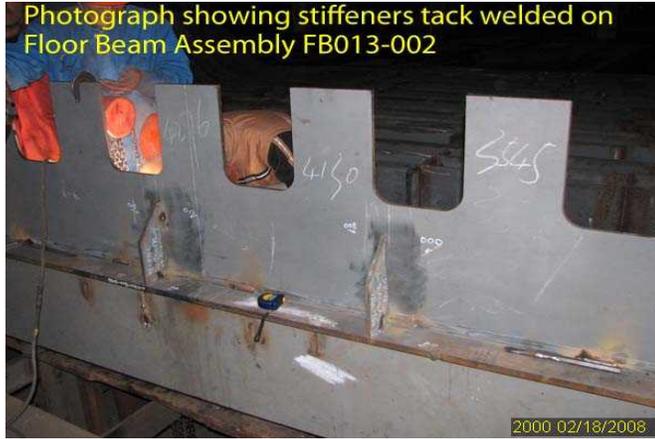
Caltrans Quality Assurance Inspector Gabriel Quintana (QA Inspector) arrived at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to observe fabrication and Quality Control Inspectors (QC Inspectors) perform their duties and responsibilities as specified in the contract documents, approved plans, fabrications documents and Special Provisions for this project. While on site the QA Inspector observed the following.

Bay 7- QA Inspector randomly observed ZPMC qualified welder Liu Liyan ID #050372 utilizing the SMAW process per the approved procedure WPS-B-T-2113 while performing tack welding of Stiffeners Piece Mark X96C to Web Plate Piece Mark X96B and at Flange Plate Piece Mark X5C at the following weld joints: FB013-002-008, FB013-002-009, FB013-002-012 thru 015 and FB013-002-029 thru 036. The QA observe that the welding and weld parameters are continuously being monitored and recorded by ZPMC QC Inspector Li Zhi Jiang. QA observations appear to comply with contract requirements and the approved WPS.

Bay 8- QA Inspector observed that no work or welding is in progress in Bay 8.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

General conversation took place between QA and QC Inspectors.

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: | Quintana,Gabriel | Quality Assurance Inspector |
|----------------------|------------------|-----------------------------|

| | | |
|---------------------|-------------|-------------|
| Reviewed By: | Cochran,Jim | QA Reviewer |
|---------------------|-------------|-------------|