

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-007466**Date Inspected:** 03-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

| | | | | |
|------------------------------------|------------|----------------------------------|---------------|----|
| CWI Name: | N/A | 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 COMPONENT | |

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance(QA) Inspector, Subhasis Bera was present during the times noted above for observations relative to the work being performed.

Magnetic Particle Testing

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This weld was previously tested and accepted by ZPMC QC MT technicians. This QA Inspector generated an MT report for this date.

The member(s) are identified as

BAY #14

For Segment 7AW

Weld numbers are

SP-097A-001-023&026

SP-151A-001-019&022

BP-143A-001-002&003

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

FB-009-008-009,024,025

For Segment 7DW

Weld numbers are

SP-100A-001-025&028

SP-720A-001-032&033

SP-760B-001-050&051

SP-441B-001-018&019

SP-761A-001-006&007

SP-483A-001-003&004

SP-442A-001-002&003

For Segment 7EW

Weld numbers are

EP-071A-001-003&004

SP-433A-001-004&005

BP-039A-001-005&006

BP-147A-001-008&009

SP-762A-001-039&040

SP-722A-001-013&016

FB-009-004-024,025&046

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations

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 Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

| | | |
|----------------------|---------------|-----------------------------|
| Inspected By: | Bera,Subhasis | Quality Assurance Inspector |
|----------------------|---------------|-----------------------------|

| | | |
|---------------------|-----------|-------------|
| Reviewed By: | Prue,Erik | QA Reviewer |
|---------------------|-----------|-------------|