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 #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-007902
Date Inspected: 30-Jun-2009

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 645
OSM Departure Time: 1845
Location: Shanghai, China

CWI Name:	Mr. Ye yong jun			**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: Tower

Summary of Items Observed:

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

Bay no. 10 & 11

1.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 069895 perform FCAW welding on Inside of South tower Lift 3, Weld joint no.SSTL3-1 B/K-41, 42. ZPMC CWI Identified as Mr. Wang chuan qing. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-Tc-P4-F.

2.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 209051 perform SAW welding on North tower, Weld joint no.NSD1-FESA4-3A/C-11A. ZPMC CWI Identified as Mr. Zhou lu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2221-B-U3C-S2.

3.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 052894 perform SMAW Tack welding on Tower strut splice plate. ZPMC CWI Identified as Mr. ye yong jun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3211-TC-U3B-1.

4.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040489

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

perform SAW welding on Tower strut splice plate, Weld joint no. ND1-SA183-23-1A ZPMC CWI Identified as Mr. ye yong jun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3221-TC-U5-S-1.

5.This QA inspector, Baskar Govindarajan, observed, Pitted plates being used for the fabrication of Strut splice plate nos ED1-A 5007-13-1B, ED1-A 5007-14-1B, ED1-A 5007-15-1B, ED1-A 5007-16-1B at Bay no.10. Photographs attached for reference.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the 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 Serge, Sinevod - 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Baskar,Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer