DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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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-008538
Date Inspected: 21-Aug-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: 700
OSM Departure Time: 1900
Location: Shanghai, China

CWI Name:	Mr. Liu yang/ Mr. 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:**	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

1.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040489 perform SAW welding on, Strut flange plate, Weld joint no. ND1-A 5012-9-1A. ZPMC CWI Identified as Mr. Chen ying xin. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3221-TC-U5-S1.

2.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 205506 perform SMAW welding on, Spare strut splice plate, Weld joint no. ED1-A 5007-20-1B. ZPMC CWI Identified as Mr. Chen ying xin. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3211-tc-u5b-1.

3.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040533 perform FCAW welding on, CD Corner triangular plate in South tower, Lift 3, Weld joint no. SSTL3- 1B/K-3. ZPMC CWI Identified as Mr. Xu le feng. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2132-2.

WELDING INSPECTION REPORT

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4.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040261 perform FCAW welding on, North tower, Lift 4, Weld joint no. NSD1-FESA4-3 F/F- 4B. ZPMC CWI Identified as Mr. Shi wei song. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2231-TC-U5-F.

5.This QA inspector, Baskar Govindarajan, observed during random inspection at Bay no. 11, Torch cut of approximately 40 mm in stiffner of West tower, Lift 4, Skin D. ZPMC CWI identified as Mr. Xu le feng. The CWR for the same found to be T-CWR-181, Drawing no.- LS4-2. Photo attached.

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