

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016942**Date Inspected:** 21-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Mr. Xu Le Feng/ Mr. Qiu Wen	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 057180 perform FCAW welding on; OBG bike path components and the weld joint is identified as BK 007A7-001-074/075. ZPMC CWI Identified as Mr. Qiu Wen. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2131. (Photo attached)

2. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 052075 perform FCAW welding on; OBG bike path components and the weld joint is identified as BK 007A7-001-015/016. ZPMC CWI Identified as Mr. Qiu Wen. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2133.

Bay no. 11

3. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040759 perform FCAW welding on; OBG bike path components and the weld joint is identified as BK 004A1-017-005. ZPMC CWI Identified as Mr. Xu Le Feng. The welding parameters as measured using QC's calibrated

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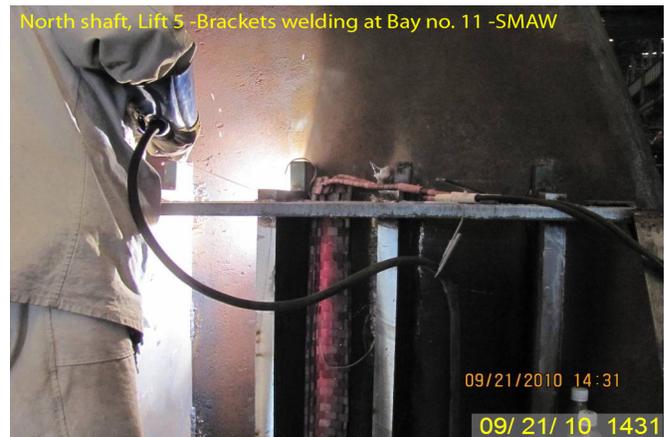
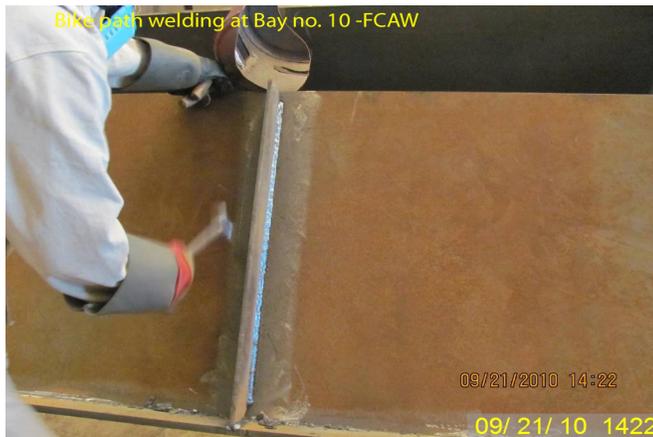
instruments appeared to be in general compliance with WPS-B-T-2232-TC-U4C-F.

4. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040667 perform FCAW welding on; OBG bike path components and the weld joint is identified as BK 004A1-017-008. 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-2214-B-U2.

5. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 054460/044541 perform FCAW welding on; Tower Lift 5 Brackets and the weld joint is identified as ND1-BRSA5-2-12A, 8A. ZPMC CWI Identified as Mr. Yu Dong Ping. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3213-TC-U46. (Photo attached)

6. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 041271 / 046769 perform FCAW welding on; Tower Lift 5 Brackets and the weld joint is identified as SD1-BRSA5-1-9B, 13B. ZPMC CWI Identified as Mr. Yu Dong Ping. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3213-TC-U46.

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 Micheal Ng (15921845703), who represents the Office of Structural Materials for your project.

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