

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017952**Date Inspected:** 27-Oct-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:	Zhang Zhong	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 Components	

Summary of Items Observed:

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

BAY#19

FCAW welding of weld is identified as 1G-003 of BK5ASD1-001 for BK005A-001. The welder is identified as 208641. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-Tc-U4C-F.

FCAW welding of weld is identified as 2F-006 of BK005A1-001 for BK005A-001. The welder is identified as 62739. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-005 of BK004A1-012 for BK004A-012. The welder is identified as 62762. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 3G-130 of BK004A8-009 for BK004A-009. The welder is identified as 062786. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2333-Tc-P4-F.

FCAW welding of plug weld is identified as 2F-017 of BK004A2-007 for BK004A-007. The welder is identified

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as 058792. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-2-Plug.

FCAW welding of weld is identified as 2F-013 of BK004A2-007 for BK004A-007. The welder is identified as 062734. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of critical repair weld is identified as 1F-019 of BK006A2-002 for BK006A-002. The welder is identified as 202338. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G(1F)-Repair.

Flatness correction of bike path BK006A-001 bottom cover plate is in progress.

Cutting and beveling of plates for Suspender brackets lift 12 is in progress as per approved shop drawing SB25, SB26 approved on 09-22-10.

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



Summary of Conversations:

No relevant Conversation.

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-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Kumar, Chadra

Quality Assurance Inspector

Reviewed By: McClendon, Timothy

QA Reviewer