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: Siegenthaler, Peter
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-017060
Date Inspected: 23-Sep-2010

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:	Geng Wei		**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: Orthotropic Box Girder(OBG)

Summary of Items Observed:

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

Trial assembly yard, 10CE, PP92, Cross Beam side.

SMAW welding of weld joint SEG064B-001; located at Trial assembly yard. Welder is identified as 044504; ZPMC Quality Control Inspector (QC) is identified as Zhong Xian Ming. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-P-2214-TC-U4B-FCM-1.

Trial assembly yard, 10CW, Edge plate I-rib.

SMAW welding of weld joint EP118-001-012; located at Trial assembly yard. Welder is identified as 057333; ZPMC Quality Control Inspector (QC) is identified as Wang Zhu. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-P-2114-FCM-1.

Trial assembly yard, 11AW, Edge plate I-rib.

SMAW welding of weld joint EP119-001-008; located at Trial assembly yard. Welder is identified as 057333; ZPMC Quality Control Inspector (QC) is identified as Wang Zhu. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-P-2114-FCM-1.

Trial assembly yard, 10CW, Deck Panel I-rib.

SMAW welding of weld joint DP690-001-014; located at Trial assembly yard. Welder is identified as 041713; ZPMC Quality Control Inspector (QC) is identified as Wang Zhu. The welding variables recorded by

WELDING INSPECTION REPORT

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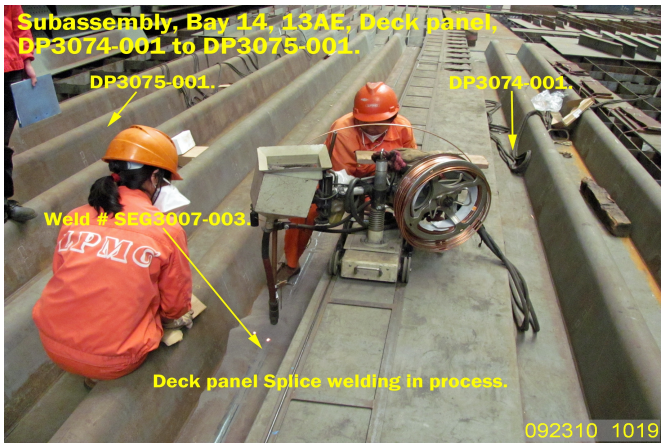
Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-4114-1.

Subassembly, Bay 14, 13AE, Deck panel, DP3074-001 to DP3075-001.

FCAW welding of weld joint SEG3007-003; located on assembly, Bay 14. Welder is identified as 044771; ZPMC Quality Control Inspector (QC) is identified as Geng Wei. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-2221-B-L2C-S-2. The attached photographs provide additional detail.

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, 1500.042.2372, who represents the Office of Structural Materials for your project.

Inspected By:	Juvekar,Amit	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer