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-013861
Date Inspected: 06-May-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:
OSM Departure Time:
Location: Shanghai, China

CWI Name:	Xu Xian Ping			**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:

Summary of Items Observed:

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China. QA Inspector observed and/or found the following:

Welding of tower strut ND1-STSA4-6-127M-1-10A. The Welding Procedure was identified as WPS-B-T-2212-Tc-U4b. The welders were identified as 041271and 046709. Both welders were found to be certified in the 3G position with the SMAW process. The ZPMC CWI was identified as Xu Lie Feng.

Welding of tower strut ND1-STSA4-6-135M-1-89. The Welding Procedure was identified as WPS-B-T-2113. The welder was identified as 040675 and was found to be certified in the 3G position with the SMAW process. The ZPMC CWI was identified as Xu Lie Feng.

Welding of tower strut ND1-STSA4-6-135M-1-80. The Welding Procedure was identified as WPS-B-T-2113. The welder was identified as 202338 and was found to be certified in the 3G position with the SMAW process. The ZPMC CWI was identified as Xu Lie Feng.

Welding of tower strut ED1-STSA4-6-123M-1-51. The Welding Procedure was identified as WPS-B-T-2113. The welder was identified as 046769 and was found to be certified in the 3G position with the SMAW process. The ZPMC CWI was identified as Xu Lie Feng.

Welding of tower strut ND1-STSA4-6-131M-2-39,40. The Welding Procedure was identified as WPS-B-T-2112. The welder was identified as 251194 and was found to be certified in the 3G position with the SMAW process. The ZPMC CWI was identified as Xu Lie Feng.

Welding of tower strut ND1-STSA4-6-131M-1-39,40. The Welding Procedure was identified as WPS-B-T-2112. The welder was identified as 040655 and was found to be certified in the 3G position with the SMAW process. The ZPMC CWI was identified as Xu Lie Feng.

Repair welding of section 7CW deck plate to edge plate. This weld is identified as CA038-002. The WPS was identified as WPS-B-P-2212-Tc-U4b-FCM-1. The welder was identified as 045221. The ZPMC QC was identified as Wang Zhu. The ZPMC CWI was identified as Li Yang.

Repair welding of section 7DW deck plate to edge plate. This weld is identified as CA044-006. The WPS was identified as WPS-B-P-2212-Tc-U4b-FCM-1. The welder was identified as 045196. The ZPMC QC was identified as Wang Zhu. The ZPMC CWI was identified as Li Yang.

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 Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Barrentine,Daniel	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer