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-014999
Date Inspected: 26-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: 700
OSM Departure Time: 1900
Location: Shanghai, China

CWI Name: Xu Tao

Inspected CWI report:	☐ Yes	☑ No	☐ N/A	**CWI Present:**	☑ Yes	☐ No	
Electrode to specification:	☑ Yes	☐ No	☐ N/A	**Rod Oven in Use:**	☑ Yes	☐ No	☐ N/A
Qualified Welders:	☑ Yes	☐ No	☐ N/A	**Weld Procedures Followed:**	☑ Yes	☐ No	☐ N/A
Approved Drawings:	☑ Yes	☐ No	☐ N/A	**Verified Joint Fit-up:**	☑ Yes	☐ No	☐ N/A
				Approved WPS:	☑ Yes	☐ No	☐ N/A
				Delayed / Cancelled:	☐ Yes	☑ No	☐ N/A

Bridge No: 34-0006
Component: OBG COMPONENT

Summary of Items Observed:
On this date Caltrans OSM Quality Assurance (QA) Inspector, Subhasis Bera was present during the times noted above for observations relative to the work being performed.

In process Inspection
Bay #14
This QA Inspector observed the following work in progress:

SMAW in the 4F position for the OBG Segment 12AW , weld No. SEG-3004R-177. The welder is identified as #067764. ZPMC QC is identified as Mr. Zhong Yong Gang . The welding variables recorded by QC appear to comply with WPS-B-P-2114-FCM-1.

SMAW in the 4F position for the OBG Segment 12AW , weld No. SEG-3004G-194. The welder is identified as #047864. ZPMC QC is identified as Mr. Zhong Yong Gang . The welding variables recorded by QC appear to comply with WPS-B-P-2114-FCM-1.

SMAW in the 4F position for the OBG Segment 12AW , weld No. SEG-3004J-128. The welder is identified as #068764. ZPMC QC is identified as Mr. Tao Mei . The welding variables recorded by QC appear to comply with WPS-B-P-2114-FCM-1.

FCAW in the 3G position for the OBG Segment 12AW , weld No. SEG-3004H-001. The welder is identified as #201215. ZPMC QC is identified as Mr. Zhong Yong Gang . The welding variables recorded by QC appear to

comply with WPS-B-T-2233-B-U2-F.

FCAW in the 3G position for the OBG Segment 12AW , weld No. SEG3004F-003. The welder is identified as #202122. ZPMC QC is identified as Mr. Tao Mei . The welding variables recorded by QC appear to comply with WPS-B-T-2233-B-U2-F.

SAW in the 1G position for the OBG Segment 12AW , weld No. SEG3004*-007. The welder is identified as #045270. ZPMC QC is identified as Mr. Tao Mei . The welding variables recorded by QC appear to comply with WPS-B-T-223(2)1T-2.

SMAW in the 4G position for the OBG Segment 12AE , weld No. SEG-30041AL-029. The welder is identified as #037748. ZPMC QC is identified as Mr. Wang Xu . The welding variables recorded by QC appear to comply with WPS-B-P-2114-Tc-U4b-FCM-1.

Bay #13
This QA Inspector observed the following work in progress:

SAW in the 1G position for the OBG Segment 13AE , weld No. BP3031-001-005. The welder is identified as #044771. ZPMC QC is identified as Mr.Guo Xing Hui . The welding variables recorded by QC appear to comply with WPS-B-T-2221-B-U2c-S-2.

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

WELDING INSPECTION REPORT

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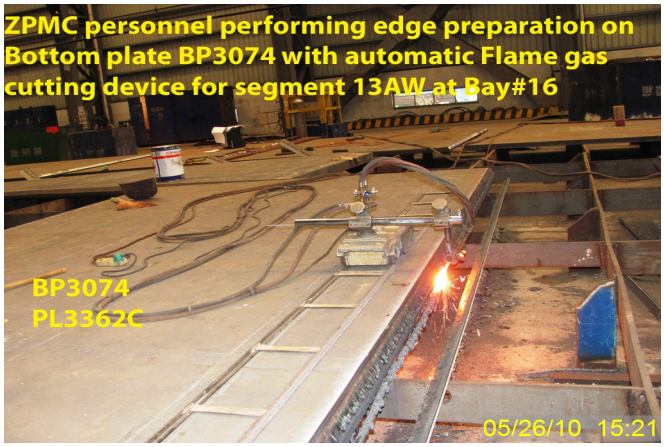

Summary of Conversations:

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 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Bera,Subhasis	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer