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-012493
Date Inspected: 03-Mar-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:	Gong Wai			**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 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:

FCAW in the 2G position for the OBG Traveler Rail, weld No.10TR3-024. The welder is identified as #044774. ZPMC QC is identified as Mr. Guo Pan. The welding variables recorded by QC appear to comply with WPS-345-FCAW-2G(2F)-REPAIR. The weld repair report is identified as B-CWR-1086.

FCAW in the 2G position for the OBG Traveler Rail, weld No.11TR1-011. The welder is identified as #206623. ZPMC QC is identified as Mr. Guo Pan. The welding variables recorded by QC appear to comply with WPS-345-FCAW-2G(2F)-REPAIR. The weld repair report is identified as B-CWR-1086.

FCAW in the 3G position for the OBG Segment 11DE, weld No.SEG072A-037. The welder is identified as #044824. ZPMC QC is identified as Mr. Guo Xing Hai. The welding variables recorded by QC appear to comply with WPS-B-T-2233-Tc-U4b-F.

FCAW in the 3G position for the OBG Segment 11DE, weld No.SEG072A-035. The welder is identified as #044790. ZPMC QC is identified as Mr. Guo Xing Hai. The welding variables recorded by QC appear to comply

with WPS-B-T-2233-Tc-U4b-F.

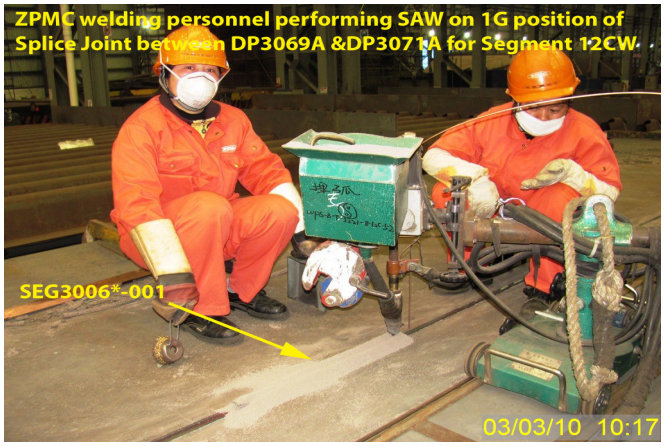
SMAW in the 4F position for the OBG Segment 11DE, weld No.SSD18-PP106-132. The welder is identified as #049339. ZPMC QC is identified as Mr. Guo Xing Hai. The welding variables recorded by QC appear to comply with WPS-B-P-2114-FCM-1.

Ultrasonic Testing (UT)

This QA Inspector performed Ultrasonic testing (UT) 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as OBG Suspender Brackets rod holes area at Bottom plate.

The Suspender Bracket Designations are as follows
SB42W and SB46W

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



Summary of Conversations:
No relevant conversations

WELDING INSPECTION REPORT

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