

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008336**Date Inspected:** 03-Aug-2009**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:	Zhu Zheng Hai & Shen Fu You	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 Bays 13 & 14	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Rory O'Kane was present during the time noted above for observations relative to the work being performed.

OBG - BAY No. 13

Shielded Metal Arc Welding Process:

Welding of weld joint SEG047*-045 located on OBG Segment 8CW. Welder is identified as 069683. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-2214-TC-U4b-FCM-1.

Welding of weld joint SEG047*-046 located on OBG Segment 8CW. Welder is identified as 067609. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-2214-TC-U4b-FCM-1.

Welding of weld joint SEG047*-047 located on OBG Segment 8CW. Welder is identified as 044772. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-2214-TC-U4b-FCM-1.

Welding of weld joint SEG047B-SSD9A-PP71-001 located on OBG Segment 8CW. Welder is identified as 200432. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

the WPS-B-P-2213-B-U2-F.

Welding of weld joint SEG047B-SSD9A-PP71-004 located on OBG Segment 8CW. Welder is identified as 051359. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-2213-B-U2-F.

Welding of weld joint SEG047B-SSD9A-PP71-006 located on OBG Segment 8CW. Welder is identified as 067609. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-2213-B-U2-F.

Welding of weld joint SEG047B-SSD22-PP69.5-132 located on OBG Segment 8CW. Welder is identified as 051359. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-4113-2.

Flux Cored Arc Welding Process:

Welding of weld joint SEG043A-032 located on OBG Segment 8AW. Welder is identified as 050242. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-T-2231-B-U2-F.

OBG - BAY No. 14

This QA Inspector noted installation of the following Structural Framing Components:

OBG Segment 10BE (Panel Point 89) FB013-039, SSD19/19A-PP89

OBG Segment 10BE (Panel Point 90) FB013-037, SSD19/19A-PP90

OBG Segment 10BE (Panel Point 91) FB013-038, SSD19/19A-PP91

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

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

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

Inspected By:	O'Kane,Rory	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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