

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-005971**Date Inspected:** 24-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Wu Ming Kai	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 & Tower	

Summary of Items Observed:

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

Bay 3-

This QA Inspector observed the following work in progress: FCAW welding of weld joint 134 located on OBG Floor Beam FB024-027. ZPMC welder was identified as 044790. ZPMC QC is identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2133.

Bay 6-

QA Inspector observed the following work in progress: FCAW welding of weld joint 062 located Side Plate SP207-007. ZPMC welder was identified as 051874. ZPMC QC is identified as Wu Zhi Feng. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-TC-U4b-F.

Bay 10-

QA Inspector observed the following work in progress: SAW welding of weld joints 009, 010B, 12, 013B located on South Tower lift 3 Skin Plate E. ZPMC welder was identified as 053671. ZPMC QC is identified as Shen Li Kun. The welding appeared to be in conformance with welding procedure specifications, WPS-B-T-2221-B-U3C-S-2 (CJP) and WPS-B-T-2321-B-P3-S-2 (PJP).

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

QA Inspector observed the following work in progress: SMAW welding of weld joints 2B and 3B located on WSD1-A467-38M-3-2. ZPMC welders were identified as 053671 and 040450. ZPMC QC is identified as Wu Ming Kai. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-3212-TC-U5b-1.

Bay 11-

QA Inspector observed the following work in progress: FCAW welding of weld joints 010, 011, 021, 022 located on EDS1-FSA3- 2 F/E. ZPMC welders were identified as 047701, 069043, 058792, 069717. ZPMC QC is identified as Li Ming. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2332-TC-P5-F.

QA Inspector observed the following work in progress: FCAW welding of weld joints 061, 062, 052, 053 located on EDS1-FSA3- 2 E/E. ZPMC welders were identified as 020284, 049220, 059525, 098810. ZPMC QC is identified as Li Ming. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2332-TC-P5-F.

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

Summary of Conversations:

Only general conversations occurred between QC and QA on this date.

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:	Viars,Larry	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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