

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-010710**Date Inspected:** 01-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA	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	

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.

North of Bay 14-

This QA Inspector performed Magnetic Particle Testing (MT) verification of welds previously tested and accepted by ZPMC for OBG Segment 7BW. See MT report TL-6028 generated this date for additional information.

CA035-007, 010, 011, 014, 015, 018, 037~040, 049~052, 061~064, 073~076, 085~088

CSD2-PP49.5-005, 006, 017, 018, 015, 016, 025, 026, 029, 030

CSD3-PP50-083~PP50-083~086, 093, 094, 106, 107, 087, 088, 130, 131, 118, 119

CSD2-PP50.5-005, 006, 017, 018, 015, 016, 025, 026, 029, 030

CSD9-PP51-005, 006, 021~024, 041~044

CSD2-PP51.5-005, 006, 017, 018, 015, 016, 025, 026, 029, 030

CSD3-PP50-083~PP52-083~086, 093, 094, 106, 107, 087, 088, 130, 131, 118, 119

SSD21-PP49.5-035~042, 049~056

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SSD22-PP50.5-035~042, 049~056

SSD22-PP51.5-035~042, 049~056

SSD11-PP51-003

DP088-001-036, 037, 041, 042, 046, 047, 049, 050, 045, 053, 058

DP115-001-048, 047, 052, 053, 058, 057, 060, 061, 065, 066, 068, 069, 056, 064

This QA Inspector rejected OBG Segment 7BW deck panel diaphragm to deck panel welds, DP088-001-039 and 040. These welds was rejected Caltrans QA for linear indications. ZPMC QC stated a critical weld repair report would be submitted for Engineering approval. See attached photos below for additional information.

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



Summary of Conversations:

As identified within the contents of this 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:	Viars,Larry	Quality Assurance Inspector
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Reviewed By:	Dawson,Paul	QA Reviewer
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