

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-006505**Date Inspected:** 13-Apr-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:	N/A	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:

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 14 (outside)-

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as Corner assembly, Deck Plate, Edge plate and Longitudinal Diaphragm welds for OBG Segment 2BE for Tag # 3, #5 and #6. The weld identification numbers as are as follows: For Tag 6: CA104-010, 011, 012, 013, 014, 015, 018, 044, 055, CSD5-052, 054, 029, CSD2-PP16.5-059, 060, 063, 067, 071, CSD2-PP17.5-060, 064, 076, 080, 072, CSD2-PP18.5-067, 071, 075, 059, 051, 053, 060, 068, 072. Tag 5: CA103-015, 016, 017, 018, CSD2-PP16.5-113, 117 and CSD6-PP17-088, 092, 102, 104. Tag 3: Segment10B-005, 017, 012, 013 and Segment010C-005, 017.

Bay 10-

This QA Inspector observed the following work in progress: SAW welding of weld joints 53B and 60B located on Skin A lift 3. ZPMC welders were identified as 201750 and 207765. ZPMC QC is identified as Dongling Jin. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-T-U3c-S-2.

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

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

documents.

Summary of Conversations:

Only general conversations between QC and QA 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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