

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-004235**Date Inspected:** 07-Oct-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2230**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 Fabrication	

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector, Mr. Paul Dawson, arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China, for the purpose of monitoring welding and fabrication of the San Francisco / Oakland Bay Bridge (SFOBB) components. The QA Inspector observed the following:

OBG Bay 7

The QA Inspector performed random AWS D1.5 ultrasonic inspections of OBG floor beam welds

FB012-018-023, FB012-018-062

FB012-013-023, FB012-013-062

FB015-015-023, FB015-015-062

FB009-017-021, FB009-017-062

FB016-027-021, FB016-027-062

FB015-028-023, FB015-028-062

FB016-026-021, FB016-026-062

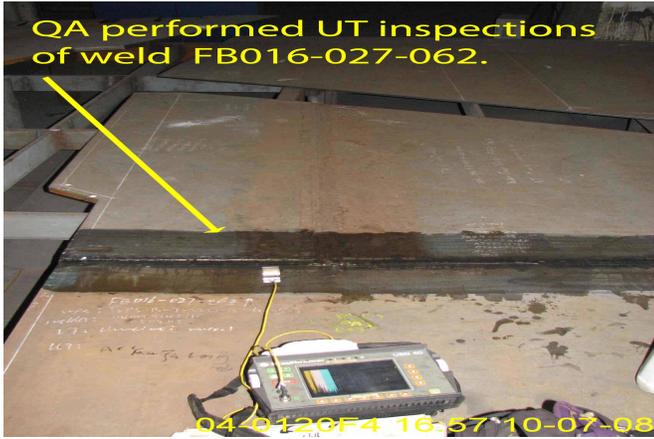
ZPMC Inspection personnel had previously ultrasonically inspected and accepted these welds. Items observed appear to comply with project specifications. See the TL6027 ultrasonic test report for additional information.

Heavy Bay 1

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

QA Inspector Mr. Eric Prue and this QA Inspector performed random visual inspections of SSDI Skin "A" stiffener to skin plate welds between elevation 0 and 38 meters. This Inspector identified five areas that require rework and Mr. Prue identified seven areas that require rework. The welds between elevation 38 meters and 48.6 meters will be inspected by the third shift QA Inspectors. ABF representative Mr. Don Walton informed the QA Inspector that several of the weld relief areas at approximately 30 meter elevation require additional welding which will take place tomorrow.



Summary of Conversations:

See above.

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 Ady Velasco 13816942685, who represents the Office of Structural Materials for your project.

Inspected By:	Dawson,Paul	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
