

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-004774**Date Inspected:** 22-Nov-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1430**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 #1

This QA Inspector performed random final visual and ultrasonic (UT) inspections of OBG deck panel closed rib splice welds DP128-001-119, DP128-001-120, DP128-001-121 and DP128-001-122. The QA Inspector observed the welds appear to comply with project specifications. For additional information on these inspections see the TL6027 Ultrasonic Test Report.

OBG Bay #7

This QA Inspector performed random final visual and ultrasonic (UT) inspections of Floor Beam welds FB011-018-043, FB012-015-043, FB012-020-045, FB012-021-045, FB010-021-045, FB010-012-045, FB016-026-043 and FB009-019-045R1. The QA Inspector observed the welds appear to comply with project specifications. For additional information on these inspections see the TL6027 Ultrasonic Test Report.

OBG Bay #8

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This QA Inspector performed random final visual and ultrasonic (UT) inspections of Floor Beam welds FB003-113-104, FB003-113-105, FB003-111-104, FB003-108-104, FB003-108-105, FB059-001-096 and FB061-002-096. The QA Inspector observed the welds appear to comply with project specifications. For additional information on these inspections see the TL6027 Ultrasonic Test Report.

Heavy Bay #3

This QA Inspector performed random final visual inspections of the closed rib stiffener welds of deck panels DP387-001, DP441-001 and DP333-002. The QA Inspector observed ZPMC and ABF representatives had completed visual inspections of these welds and the welds of these deck panels have been identified as being acceptable on the yellow inspection status tag that is attached to each of the deck panels. The QA Inspector randomly observed the welds appear to comply with project specifications. The QA Inspector documented the final visual inspections on the yellow inspection status tags that are attached to each of the deck panels.

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
