

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-010109**Date Inspected:** 23-Oct-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:	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
Bridge No:	34-0006	Delayed / Cancelled:	Yes	No N/A
		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 Ultrasonic Testing (UT) verification of the areas previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The members were identified as OBG Segment 6AW Longitudinal Diaphragm and Corner Assembly welds, The weld identification numbers are as follows: SEG031B-023 and 024, SEG031D-006 and 025 and CA029-004.

South of Blast Area-

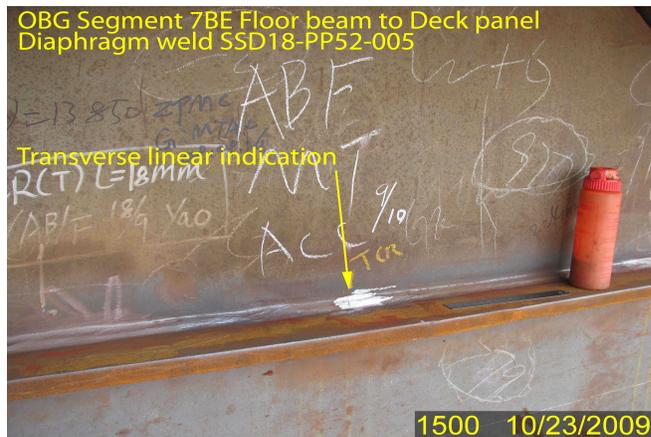
This QA Inspector performed Magnetic Particle Testing (MT) verification of welds previously tested and accepted by ZPMC for OBG Segment 7BE edge plate stiffener to floor beam weld. The following welds were tested: EP079A-021, 022, 023 and 025. EP079A-021, 022 and 025 were rejected by Caltrans QA for linear indications.

This QA Inspector performed Magnetic Particle Testing (MT) verification of welds previously tested and accepted by ZPMC for OBG Segment 7BE deck panel diaphragm to Floor Beam weld SSD18-PP52-005. This weld was rejected Caltrans QA for transverse linear indication. Caltrans QA Inspector issued a incident report this date for the above mentioned MT indication. See attached photos below for additional information.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

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



Summary of Conversations:

Only general conversation occurred 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
Reviewed By:	Dawson,Paul	QA Reviewer
