

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-004879**Date Inspected:** 06-Dec-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**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 Floor Beams	

Summary of Items Observed:

Bay 7: OBG Sub-assembly

This QA performed 10% Magnetic Particle Testing(MT) of fillet welds on stiffener/flange to web plate of the following floor beams for green tagging;

- a)FB014-025-001, 003~019 – deemed acceptable
- b)FB014-024-001, 003~019 – deemed acceptable
- c)FB014-028-001, 003~019 – deemed acceptable
- d)FB005-027-001, 003~019 – deemed acceptable
- e)FB004-028-001, 003~019 – deemed acceptable
- f)FB004-027-001, 003~019 – deemed acceptable

Bay 8:

This QA performed 10% Magnetic Particle Testing(MT) of fillet welds on stiffener/flange to web plate of the following floor beams for green tagging;

- g)FB053-001B – deemed acceptable
- h)FB053-007B – deemed acceptable
- i)FB052-001A – deemed acceptable
- j)FB054-001A – deemed acceptable

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Summary of Conversations:

No significant conversation occurred today.

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 Joshua Ishibashi, (858) 232-7081, who represents the Office of Structural Materials for your project.

Inspected By:	Lizardo, Joselito	Quality Assurance Inspector
Reviewed By:	Cuellar, Robert	QA Reviewer
