

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-006480**Date Inspected:** 25-Apr-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	
		Delayed / Cancelled:	Yes No N/A	
Bridge No:	34-0006	Component:	OBG COMPONENT	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance(QA) Inspector, Subhasis Bera was present during the times noted above for observations relative to the work being performed.

Ultrasonic Testing(Phased Array)

The QA Inspector performed Phased Array Ultrasonic Testing (UT) with Caltrans QA Inspector, Christopher Dsouza on Orthotropic Box Girder deck plates to closed rib welds at the tack weld locations (marked for crack confirmation) which one previously tested by Caltrans QA personnel. The QA Inspector generated a field inspection UT report on this date designating areas of rejectable indications. Panel identification numbers are DP-098-001(9DW), DP-255-001(8BW), DP-313-001(9CE), DP-120-002(8BW) and DP-120-001(8BW).

Please see the PA UT reports for results.

Final Visual Inspection(FVT) For Green Tagging

This QA inspector performed final Visual Inspection for OBG deck panel which one previously accepted by ZPMC Quality Control personnel and ABF QA personnel.

The member(s) is/are identified as

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Sl. No. Deck Panel No. Green Tagging No.

1. DP-092-001(8AW) 7353
2. DP-119-001(8AW) 7352
3. DP-335-002(8AE) 7351
4. DP-119-002(8AW) 7350
5. DP-146-001(8AW) 7348
6. DP-254-001(8AW) 7354
7. DP-228-001(8BW) 7349

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

Summary of Conversations:

No relevant conversations

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:	Bera,Subhasis	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
