

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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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-014010**Date Inspected:** 19-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**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:	Orthotropic Box Girder (OBG)	

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance (QA) Inspector Manoj Prabhune was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

OBG # TRIAL ASSEMBLY YARD

Segment 7EW ~ 8BW (Plumpness/ Flatness) Joint Survey

This QA Inspector performed Joint Inspection with ABF Survey Team for the Deck Panel Diaphragm Plate Plumpness/ Flatness Panel's between Segment 7EW to 8BW between Panel Point (PP) 61 and PP 65 North (Cross Beam side) and South (Counter Weight side) for Deformation. Deformation was measured at 650mm & 710mm. The measured readings were recorded on spread sheet, generated the report and submitted to the Task Leader and Engineer for review.

Segment#9EW Panel Point (PP) 83~85 (Lay Down Yard) Green Tag.

This QA Inspector performed Inspection along with Mr. Manjunath Math for the following inspection activity and the measured readings were recorded generated the report and submitted to the Task Leader and Engineer for

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review.

- 1) OBG DCP Hand Measurement Survey Corner Assembly Cope Holes.
- 2) OBG DCP Hand Measurement Survey Corner Assembly Side Plate to Side Plate and Deck Plate to Deck Plate.
- 3) Deck Panel Diaphragm Plate Plumpness/ Flatness Panel's.

Segment#9EW Panel Point (PP) 83~85 (Lay Down Yard) Green Tag.

This QA Inspector performed Joint Inspection with ABF Survey Team for the Flatness Panel's between Segment 9EW between Panel Point (PP) 83 and PP 85 North(Cross Beam side) and South (Counter Weight side) for Deformation. Deformation was measured at 1500 mm Straight Edge. The measured readings were recorded on spread sheet, generated the report and submitted to the Task Leader and Engineer for review.

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

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

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 phone: 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Prabhune,Manoj	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer
