

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-014289**Date Inspected:** 19-May-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:

This QA Inspector randomly observed the following work in progress:

OBG # TRIAL ASSEMBLY YARD

Segment 10BW (Green Tag)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr. Manikandan (Caltrans QA and ABF QC) joint Survey Inspection for the following Segment 10BW from Panel Point 89 to PP 91

Corner Assembly Cope Holes dimension measurements at PP 89 to 91 Cross Beam and Counter Weight side.

Flatness measurement for Floor Beam at PP 89, PP 90 and PP 91 Cross Beam and Counter Weight Side.

Flatness measurement for Deck Panel to Corner Assembly from PP 89 to PP 91 Cross Beam and Counter Weight side.

Flatness measurement for Side Panel to Corner Assembly from PP 89 to PP 91 Cross Beam and Counter Weight

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side and

Plumbness and Flatness measurement for Deck Panel to Deck Panel Diaphragm at PP 89 to 91 East and West side of the Diaphragm.

The recorded measurements submitted to lead as well to the engineer for further action.

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
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Reviewed By:	Patterson, Rodney	QA Reviewer
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