

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-014970**Date Inspected:** 31-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

Nondestructive testing (NDT) notification No. 005863

This QA inspector performed Magnetic Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT reports for this date. The members are identified as OBG Components. The weld designations reviewed are as follows.

7DW ~ 7DW Splice

OBW7C-001 ~ 005, OBW7A-001, OBW7A-005,

Segment # Lift 7 (West) Punch list item

7BW-Punch list item 575

Flatness measurement for Floor Beam at PP 50, PP 51 and PP 52 Cross Beam Side.

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7CW-Punch list item 576

Flatness measurement for Floor Beam at PP 53 and PP 54 Cross Beam Side.

7DW-Punch list item 577

Flatness measurement for Floor Beam at PP 56, PP 57 and PP 58 Counter Weight Side.

8AW-Punch list item 578

Flatness measurement for Floor Beam at PP 61 Counter Weight Side.

8AW-Punch list item 571

Plumbness and Flatness measurement for Deck Panel to Deck Panel Diaphragm at PP 61, PP 62 and PP 63 East and West side of the Diaphragm.

7EW-Punch list item 570

Plumbness and Flatness measurement for Deck Panel to Deck Panel Diaphragm at PP 60 and PP 59 East and West side of the Diaphragm.

7BW-Punch list item 569

Plumbness and Flatness measurement for Deck Panel to Deck Panel Diaphragm at PP 50 East and West side of the Diaphragm.

7AW-Punch list item 568

Plumbness and Flatness measurement for Deck Panel to Deck Panel Diaphragm at PP 48 and PP 49 East and West side of the Diaphragm.

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
