

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023358**Date Inspected:** 21-Jun-2009**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:	OBG Trial Assembly	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, S. Manjunath Math was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) Trial Assembly Areas

2AE and 2BE

This Quality Assurance (QA) Inspector witnessed randomly snug tightening for lower chevron at Cross beam side and bike path side for Segment 2AE to 2BE from PP 13 to 18.

2AE and 2BE

This Quality Assurance (QA) Inspector witnessed randomly snug tightening verification for Angles which are connecting the floor beam flange to lower chevron splice plates, manual spanner method from panel point no.13 and 18 for segment 2AE to 2BE.

2AW and 2BW

This Quality Assurance (QA) Inspector witnessed randomly snug tightening for lower chevron at Cross beam side

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

and bike path side for Segment 2AW to 2BW from PP 13 to 18.

2AW and 2BW

This Quality Assurance (QA) Inspector witnessed randomly snug tightening verification for Angles which are connecting the floor beam flange to lower chevron splice plates, manual spanner method from panel point no.13 and 18 for segment 2AW to 2BW.

2AE and 2BE

This Quality Assurance (QA) Inspector witnessed randomly rotation of nut for side panel splice plates Cross beam side and which was been done by Hydraulic Wrench which was not complying with the procedure. Thus called Mr. Kevin (ABF) and Mr. Shen Xue Jun (ZPMC QA) and Hu Mei Gang (QC) and informed them that they cannot use hydraulic wrench.

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

Summary of Conversations:

No relevant conversations were reported on this date.

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

Inspected By:	Math,Manjunath	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
