

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-014841**Date Inspected:** 11-Jun-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:****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

Traveler Rails at Bay #7

This QA Inspector performed Dimension Control Inspection along with Caltrans QA Mr. Manoj Prabhune for the Traveler Rail Bracket 22TR1-001; 22TR2-002, 22TR3-003 and 22TR4-004 at Bay #7 measured and recorded the following.

Rail Length

Rail Longitudinal Elevation

Rail Sweep

Thickness at Typical Section

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Thickness at Sliding Section

Flange width at typical section

Flange width at Sliding Connection

Flange Width at sliding connection

Web to Flange Offset

Depth Typical Section

Depth Sliding Section

Flange Tilt

The measured readings were recorded in the Dimension Control Form (DCP) and submitted to the Task Leader and Engineer for review.

Punch List item # 474 for 8AW at PP 64

This QA Inspector performed Dimensional Control Inspection for the Punch List #1256 Dated April 04, 2010 for the Skin Flatness of Bottom Panel and Floor Beam Diaphragm and recorded as 3mm Distortion by using 1000mm Straight Edge.

The measured readings were recorded in the Dimension Control Form (DCP) and submitted to the Lead for review.

Punch List item # 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613 and 614

This QA Inspector performed Dimensional Control Inspection for the Corner Assembly to Side Panel Weld and Deck Panel to Corner Assembly Longitudinal Weld Bike Path Side and Cross Beam Side for Skin Flatness from Panel Point 48 to PP 60.

The measured readings were recorded in the Dimension Control Form (DCP) 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:

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

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

remedial efforts please contact Eric T Sang 1500-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Math,Manjunath	Quality Assurance Inspector
----------------------	----------------	-----------------------------

Reviewed By:	Carreon,Albert	QA Reviewer
---------------------	----------------	-------------