

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-023376**Date Inspected:** 27-May-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 Area

This QA Inspector performed Dimensional Inspection for Root Gap and Offset for Deck Plates for splice 1AW and 1BW.

This QA Inspector performed Dimensional Inspection as per Dimension Control Plan (DCP) for U-Ribs, Longitudinal Diaphragms splice 4AW and 4BW.

This QA Inspector performed Dimensional Inspection as per Dimension Control Plan (DCP) for Longitudinal Diaphragms splice 4BE and 5AE.

This QA Inspector performed Magnetic Particle Testing (MT) of approximately 15% area previously tested by ZPMC MT personnel. This QA Inspector generated a TL-6028 MT report on this date. The weld designation numbers is as follows for OBG Segment 4BW (Field Splice).

OBG Holdback 4BW Green Tag #1

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Seg 019B-038

Seg 019C-038

This QA Inspector performed Magnetic Particle Testing (MT) of approximately 15% area previously tested by ZPMC MT personnel. This QA Inspector generated a TL-6028 MT report on this date. The weld designation numbers is as follows for OBG Segment 4AE (Field Splice).

OBG Holdback 4AE Green Tag #4

BP018-009

BP017-006

BP016-004

DP036-009

DP034-010

SP007-004

SP042-004

SP054-012

SP066-010

SP078-006

SP031-004

SP023-006

SP015-007

EP012-007

EP016-007

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

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

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
