

**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-009956**Date Inspected:** 18-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**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 Trail Assembly**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) S. Manjunath. Math was present during the times noted above for observations relative to the work being performed.

Orthotropic Box Girder (OBG) Trail Assembly Area

Ultrasonic Transverse Indication Evaluation

This QA Inspector Recorded the Y-Datum Line and the UT readings for the Transverse Segment to Segment weld "D" Scan as performed by Mr. Subhaish Bera and Mr. Stefan Holmes for the following Segment and generated the Ultrasonic Transverse Indication Evaluation Spread Sheet and Scatter Graph and submitted to Task Leaders for Review.

Segment 1AW to 1BW

Deck Panel with Weld No. OBW1-006, OBW1-005 and OBW1-007

Edge Panel (CB Side) with Weld No. OBW1-008

Side Panel (CB Side) with Weld No. OBW1A-010 and OBW1A-009

Segment 1AE to 1BE

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Edge Panel (CB Side) with Weld No. OBE1-004

Side Panel (CB Side) with Weld No. OBW1A-006 and OBW1A-007

Segment 1AE to 1AAE

Deck Panel with Weld No. OBE1-001 and OBE1-010

Edge Panel (CB Side) with Weld No. OBE1-002

Side Panel (CB Side) with Weld No. OBE1A-001 and OBE1A-002

Edge Panel (BK Side) with Weld No. OBE1-003

Side Panel (BK Side) with Weld No. OBE1A-004 and OBE1A-005

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 remedial efforts please contact , who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Math,Manjunath	Quality Assurance Inspector
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<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer
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