

**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-009959**Date Inspected:** 21-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, Mr. Stefan Holmes, Mr. Umesh Gaikwad and Mr. Christopher 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-1AAW

Deck Panel with weld no. OBW1-001

Edge Panel Cross Beam side weld no. OBW1-003

Segment 1AW-1BW

Deck Panel with weld no. OBW1-006 and OBW1-007 (CW side)

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# WELDING INSPECTION REPORT

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Segment 1AE to 1AAE

Edge Panel CB side weld no. OBE1-002

Deck Panel with weld no. OBE1-001

Segment 1AE to 1BE

Bottom Panel with weld no. OBE1A-008

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
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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