

**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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024296**Date Inspected:** 19-May-2011**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**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**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector R. Hernandez was present during the time noted above and conducted observations relative to the work being performed.

The QA Inspector randomly observed the following work in progress:

Trial Assembly Segments 13AW

This inspector assisted CT QA inspector Mr. Manjunath Math with his daily duties. This inspector also conducted review of drawings as related to high strength bolted connections in the segments 13AW, 13BW, & 13CW. See description of work performed below:

Segment 13AW (Deck Panel Diaphragm Plumbness and Flatness)

This QA Inspector assisted with the performance of Dimensional Inspection for measuring Deck Panel Diaphragm Plumbness and Flatness along with ABF QA Inspector for the Segment 13AW at the following locations:

The Deck Panel to the Deck Panel Diaphragm plate plumbness and flatness were measured from east and west side of the Deck Panel Diaphragm at Panel Points (PP) at Panel Points (PP) 117.5, 118 and PP 118.35. The QA Inspector measured the plumbness using carpenter square and performed flatness check using 710mm Straight Edge.

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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Unless otherwise noted above all items observed on this day appeared to be in general compliance with the applicable contract documents

**Summary of Conversations:**

Pertinent conversations are included in the body of the report.

**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 1500-0042-02372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Hernandez,Rene	Quality Assurance Inspector
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<b>Reviewed By:</b>	Hall,Steven	QA Reviewer
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