

**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-014447**Date Inspected:** 23-May-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:** Zhou Cheng**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 Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 19-

Caltrans QA Inspector observed the following work in progress: Flux Cored Arc Welding (FCAW) of OBG suspender bracket SB68W weld, SB013-068-005. ZPMC welder was identified as 062731. ZPMC CWI was identified as Zhou Cheng. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-TC-U4b-F.

Flux Cored Arc Welding (FCAW) of OBG suspender bracket SB58W weld, SB012-058-007. ZPMC welder was identified as 062788. ZPMC CWI was identified as Zhou Cheng. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-TC-U4b-F.

West of Bay 19-

Caltrans QA performed visual inspection of OBG Segment 10AW external deck panel surface. Visual inspection was limited due to rust areas and debris. Areas that required light grinding were marked and shown to ZPMC personnel.

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

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# WELDING INSPECTION REPORT

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documents.

## Summary of Conversations:

As identified within the contents of this 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, 150 0042 2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Viars,Larry	Quality Assurance Inspector
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<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer
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