

**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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025806**Date Inspected:** 06-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. San Tian Liang**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 Segment Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Ramesh Gade, was present during the times noted above for observations relative to the work being performed.

Trial Assembly / OBG Segment 13CW

This QA Inspector observed the following work in progress:

ZPMC personnel performing temporary attachment removal of CW side SP using back gauging. ZPMC Quality Control (QC) is identified as San Tiang Liang.

Trial Assembly / OBG Segment 13AW

This QA Inspector observed the following work in progress:

Shielded Metal Arc Welding (SMAW) in the 4F position of angle plate to FB between PP119 and 119+1500. The welder is identified as 067275. ZPMC Quality Control (QC) is identified as Zhang Lin. The welding variables recorded by QC appeared to comply with WPS-B-P-2114-TC-U4b-FCM-1.

Trial Assembly / OBG Segment 13AW

This QA Inspector observed the following work in progress:

Shielded Metal Arc Welding (SMAW) in the 4F position of angle plate to FB between PP119 and 119+1500. The welder is identified as 066674. ZPMC Quality Control (QC) is identified as Zhang Lin. The welding variables

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# WELDING INSPECTION REPORT

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recorded by QC appeared to comply with WPS-B-P-2114-TC-U4b-FCM-1.

Trial Assembly / OBG Segment 13AW

This QA Inspector observed the following work in progress:

Shielded Metal Arc Welding (SMAW) in the 4F position of angle plate to FB between PP119 and 119+1500. The welder is identified as 066673. ZPMC Quality Control (QC) is identified as Zhang Lin. The welding variables recorded by QC appeared to comply with WPS-B-P-2114-TC-U4b-FCM-1.

**Summary of Conversations:**

No relevant conversations 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 (+86)15000 42 2372, who represents the Office of Structural Materials for your project.

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

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