

**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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025560**Date Inspected:** 29-Jul-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. Li Yang ZPMC**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 Lift 13AW**Summary of Items Observed:**

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

ZHENHUA No. 19

This QA Inspector observed the following work in progress:

This QA Inspector discovered missing weld at 13AW, Rib Stiffener to Side Plate at PP119. The weld is identified as SEG3013K-101, according to the approved shop drawings, the detailed weld size and type is an 8 mm fillet.

This QA informed ZPMC QA identified as Mr. Wang Lu and ABF QA Steve Lawton of this issue and that an incident report would be generated concerning this issue. For further details, refer to the incident report issued by this QA on this date and the attached photos

This Quality Assurance Inspector (QA) reviewed, recorded, and entered data from notice of inspection requests performed by this QA inspector and uploaded documentation from contract documents, including Caltrans Special Provisions, project plans, and contract change orders for the purpose of tracking and compliance to contract documents.

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

---

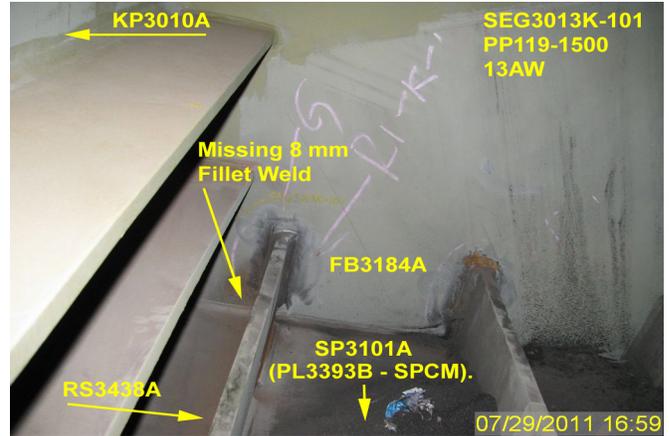
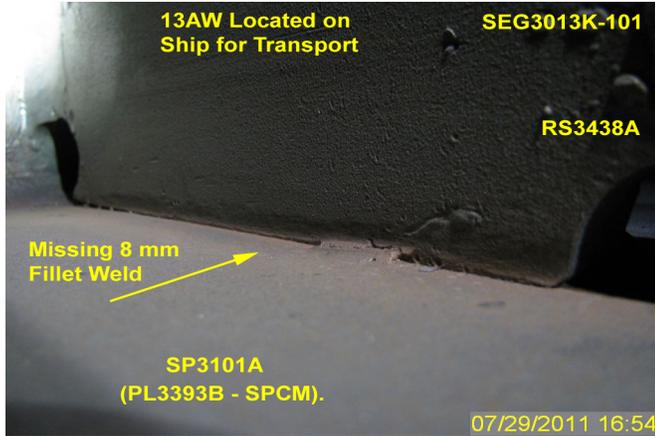
---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---



## Summary of Conversations:

As mentioned above between QA and QC concerning this project

## 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, 150000422372, who represents the Office of Structural Materials for your project.

---

**Inspected By:** DeArmond,Robert

Quality Assurance Inspector

**Reviewed By:** Riley,Ken

QA Reviewer

---