

**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-023769**Date Inspected:** 14-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, China**CWI Name:** Li yan hua**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 Components**Summary of Items Observed:**

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

BAY#19

FCAW welding of weld is identified as 3F-130 of BK25A7-001 for BK25A. The welder is identified as 062757. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2133-ESAB.

FCAW welding of weld is identified as 2F-070 of BK25A8-001 for BK25A. The welder is identified as 208634. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-ESAB.

FCAW welding of weld is identified as 3F-011 of BK23A6-001 for BK23A. The welder is identified as 062757. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2133-ESAB.

ZPMC qualified SMAW welder is identified as 259066 performing VT repair touch up welding  
On cable bracket is identified as SA6030 is in progress.

ZPMC QC NDT MT personnel performing MT on welds of cable bracket is identified as SA6030 is in progress.

---

---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

ZPMC personnel performing grinding of bike path fillet welds is in progress of BK25.

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Cable bracket. The weld designations reviewed as follows.

SA6029-001-001,002,014,016,019,006,009,040,034,032,033,010

SA6029-001-015,110,051,028,095,1218,135,050,109,111,136

SA6029-001-023,025,129,134,030,084,068,071,088,097,081,079,083

Base metal repair location.

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



### Summary of Conversations:

No relevant Conversation.

### 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-15--0042-2372, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	Patel,Hiranch	QA Reviewer

---