

**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  
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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-020373**Date Inspected:** 09-Dec-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:** Wang Lu**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 Structure**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Manuel Teall was present during the times noted above for observations relative to the work being performed at ZPMC.

**Magnetic Particle Testing (MT)**

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. SA3061A-009-038-001, SA3054C-001-015-005,006, SA3061B-014-044-003, SA3053D-001-007-007,008.

**Visual Testing (VT)**

This QA inspector performed Visual Testing of 100 % of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. The members are identified as . SA3061A-009-038-001, SA3054C-001-015-005,006, SA3061B-014-044-003, SA3053D-001-007-007,008.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

No relevant conversations were reported on this date.

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# WELDING INSPECTION REPORT

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**Summary of Conversations:**

No relevant conversations were 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 150-0042-2372, who represents the Office of Structural Materials for your project.

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| <b>Inspected By:</b> | Teall,Manuel      | Quality Assurance Inspector |
| <b>Reviewed By:</b>  | McClendon,Timothy | QA Reviewer                 |

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