

**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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009077**Date Inspected:** 06-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Yu Dong Ping.**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:** Tower Components**Summary of Items Observed:**

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

This QA Inspector carried out NDE on following:

Sandblasting Area, North Tower, Lift 1.

This QA inspector performs After Blast Inspection of area previously tested and accepted by ZPMC Quality Control personnel.

Bay 11, West Tower, Strut Stiffener Fillet Termination Modification.

This QA inspector performs Random Visual Testing (VT), Magnetic Particle Testing (MT) of area previously tested and accepted by ZPMC Quality Control personnel, FOR GREEN TAG. This QA Inspector generated an MT report (TL-6028) for this date. The members are identified as

- 1) WD1-A467-47.6M-1,
- 2) WD1-A467-33M-1,
- 3) WD1-A467-33M-2,
- 4) WD1-A467-28M-2,
- 5) WD1-A467-38M-2,
- 6) WD1-A467-47.6M-2,
- 7) WD1-A467-23M-2,
- 8) WD1-A467-28M-1,
- 9) WD1-A467-18M-1,

---

---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

This QA found One(1) Linear Indication Transverse to the Weld axis by Magnetic Particle Testing(MT) on Strut Identified as WD1-A467-38M-1. Weld Joint # 88. There is an Incident Report on this issue.

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

**Summary of Conversations:**

No relevant conversations.

**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 Serge Sinevod, 13482570045, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Juvekar,Amit	Quality Assurance Inspector
<b>Reviewed By:</b>	Clifford,William	QA Reviewer

---