

**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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008074**Date Inspected:** 23-Apr-2009**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:** Chen Xi.**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**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Umesh Gaikwad was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

BAY 2

**Magnetic Particle Testing**

This QA inspector performed MT of approximately 15% of the area 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 Components. The weld designations reviewed are as follows:

CA031 – 015~020, 065, 066

CA031 – 027~032, 067, 068

CA031 – 039~044, 069, 070

CA031 – 051~056, 071, 072

CA032 – 015~020, 065, 066

CA032 – 027~032, 067, 068

CA032 – 039~044, 069, 070

CA032 – 051~056, 071, 072

CA035 – 019~024, 101, 102

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CA035 – 031~036, 103, 104  
CA035 – 055~060, 107, 108  
CA035 – 067~072, 109, 110  
CA035 – 079~084, 111, 112  
CA037 – 019~024, 101, 102  
CA037 – 031~036, 103, 104  
CA037 – 043~048, 105, 106  
CA037 – 055~060, 107, 108  
CA037 – 079~084, 111, 112  
CA038 – 019~024, 101, 102  
CA038 – 031~036, 103, 104  
CA038 – 043~048, 105, 106  
CA038 – 067~072, 109, 110  
CA038 – 079~084, 111, 112  
CA041 – 019~024, 101, 102  
CA041 – 031~036, 103, 104  
CA041 – 043~048, 105, 106  
CA041 – 055~060, 109, 110

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

**Summary of Conversations:**

Only general conversation was held 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 :150-0042-2372, who represents the Office of Structural Materials for your project.

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

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