

**DEPARTMENT OF TRANSPORTATION**  
 DIVISION OF ENGINEERING SERVICES  
 Office of Structural Materials  
 Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4  
 Cty: SF/ALA Rte: 80 PM: 13.2/13.9  
 File #: 69.28

**WELDING INSPECTION REPORT**

**Resident Engineer:** Pursell, Gary  
**Address:** 333 Burma Road  
**City:** Oakland, CA 94607

**Report No:** WIR-001578  
**Date Inspected:** 04-Mar-2008

**Project Name:** SAS Superstructure **OSM Arrival Time:** 1800  
**Prime Contractor:** American Bridge/Fluor Enterprises, a JV **OSM Departure Time:** 630  
**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

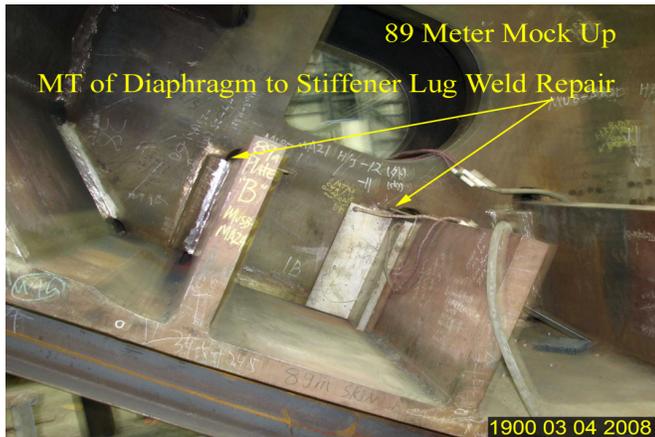
<b>CWI Name:</b>	Li Zhijiang & Sha Zhi	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes No N/A	<b>Rod Oven in Use:</b>	Yes No N/A	
<b>Electrode to specification:</b>	Yes No N/A	<b>Weld Procedures Followed:</b>	Yes No N/A	
<b>Qualified Welders:</b>	Yes No N/A	<b>Verified Joint Fit-up:</b>	Yes No N/A	
<b>Approved Drawings:</b>	Yes No N/A	<b>Approved WPS:</b>	Yes No N/A	
		<b>Delayed / Cancelled:</b>	Yes No N/A	
<b>Bridge No:</b>	34-0006	<b>Component:</b>	89 Mock Up	

**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Tower Shop 89 Meter Mock Up. This Caltrans QA Inspector did perform a dry powder Magnetic Particle Test (MT Test) on the CWR grind out areas of Plate B welds MUB-MA21 G/J 21 & 25 and Plate B MUB-MA 21 A/J 18, 22 & 26. Mr. Mike Williams with ABF was on hand to witness the MT Tests. The Zhenhua Port Machinery Company (ZPMC) CWI that was present was Sha Zhi.

Bay-7 Floor Beam Assembly FB-007-03 welds 024, 045 & 046 and FB-008-04 welds 013, 014, 022, 023, 036, 037, 042 & 045 were Magnetic Particle tested a minimum of 10% of their weld length with no relevant indications being noted. The CWI present was Li Zhijiang.



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# WELDING INSPECTION REPORT

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**Summary of Conversations:**

There were no pertinent conversations pertaining to the project during this shift.

**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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Smith,David	Quality Assurance Inspector
<b>Reviewed By:</b>	Hager,Craig	QA Reviewer

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