

**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-003457**Date Inspected:** 10-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1430**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2200**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Huang Wen Pang**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:** deck panel, floor beam**Summary of Items Observed:**

Heavy Duty Machine Shop – Bay 3:

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final MT (10% verification) on closed rib to deck plate welds on DP026-002-001 through 008, DP031-002-001 through 010, and DP066-002-001 through 010. No apparent indications. QA Inspector noted final MT acceptance on yellow tag attached to deck panel assembly.

ZPMC personnel were grinding on panels DP496-001 and DP353-001. Fourteen workers were present in this shop as well as ABF QC Kevin Chen and ZPMC CWI Chen Xi. 27 deck panels were in the bay. No welding was observed being performed.

Sub-Assembly – Bay 7:

QA Inspector performed final MT of ribs to floor plate on FB011-006-welds 001 through 012, 015 through 020, 024, 025, 033, 034, 045, and 046. QA Inspector also performed final MT of ribs to floor plate on FB011-001-welds 007 through 009, 017, 018, 024, 025, 044, 045, and 046. No apparent indications. QA Inspector noted final MT acceptance on the floor beam assembly.

**Summary of Conversations:**

No significant conversations this date.

**Comments**

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# WELDING INSPECTION REPORT

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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 Ady Velasco, 138-1694-2685, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Goulet, George	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon, Albert	QA Reviewer

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