

**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-004730**Date Inspected:** 14-Nov-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

<b>CWI Name:</b>	N/A	<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	

**Bridge No:** 34-0006**Component:** double diaphragm assemblies, floor beams, side**Summary of Items Observed:**

Sub-assembly Shop- Bay 8

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final 100% VT and 10% MT verification of the total linear distance of the 100% final MT performed by ZPMC on double diaphragm assembly W28M welds as follows: WSD1-SA316-6A; WSD1-SA316A/B-1; WSD1-SA316-B/B-1, 2, 7, 8, 9, 10, 13, 14; WSD1-SA316-6A; WSD1-SA309-2; WSD1-SA309-13 through 18. No apparent indications were observed. QA Inspector was informed by ABF QC Bi Dewei and ZPMC QA that the above noted welds were the only welds that had been inspected by ZPMC and ABF.

QA Inspector performed final 100% VT and, 10% MT verification of the total linear distance of the 10% final MT performed by ZPMC on SP765-001-013 through 024. No apparent indications were observed. QA Inspector noted agreement with ZPMC and ABF acceptance of the above on the yellow sticker attached to each component.

QA Inspector performed final 100% VT and, 10% MT verification of the total linear distance of the 10% final MT performed by ZPMC on FB015-024-side A, FB009-020-side A, FB010-020-side A, FB009-019-side A, FB010-011-side A, FB009-017-side A. No apparent indications were observed. QA Inspector noted agreement with ZPMC and ABF acceptance of the above on the yellow sticker attached to each component.

**Summary of Conversations:**

As noted above in Summary.

**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 Peter Dautermann, 150-0219-9593, who represents the Office of Structural Materials for your project.

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# WELDING INSPECTION REPORT

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