

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



Bay Area Branch  
 690 Walnut Ave. St. 150  
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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

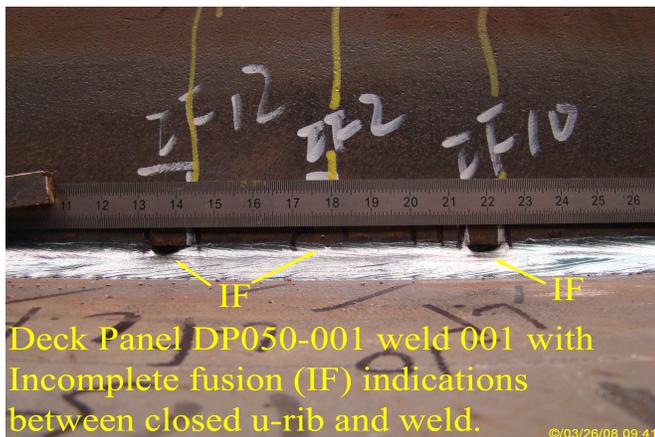
**Report No:** WIR-002106  
**Date Inspected:** 26-Mar-2008

**Project Name:** SAS Superstructure **OSM Arrival Time:** 630  
**Prime Contractor:** American Bridge/Fluor Enterprises, a JV **OSM Departure Time:** 1730  
**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	
<b>Bridge No:</b>	34-0006	<b>Component:</b>	OBG	

**Summary of Items Observed:**

This Quality Assurance Inspector (QAI) performed visual testing (VT) on deck panel DP050-001 welds 001 through 010 in Bay 1 today. During inspection various visual abnormalities found included incomplete fusion (IF), under cut (UC), under fill (UF), weld over lap (OL), over size (OS) and a bur. Visual testing results were recorded on the Caltrans QA Visual Weld Inspection Report for the OBG Deck Panels spreadsheet with one copy being distributed to the Assistant Structural Materials Representative (ASMR) Mr. Ady Velasco and the original filed in the Production Monitoring Testing Log book. None of the 10 welds tested appeared to me the requirements of the Special Provisions or the American Welding Society D1.5 – 2002 Bridge Code.



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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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**Summary of Conversations:**

No conversations held today.

**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>	Berger, Bruce	Quality Assurance Inspector
<b>Reviewed By:</b>	Hager, Craig	QA Reviewer

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