

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-002126**Date Inspected:** 01-May-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 100**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	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 Deck Panels	

Summary of Items Observed:

On this date, Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) Inspector Edward Leach was present to randomly observe and document the welding and Quality Control (QC) functions performed by ZPMC personnel relative to the fabrication of SAS Superstructure project. While on site, the QA Inspector noted the following work.

Deck Panel Closed Rib Visual Testing (VT)

The QA Inspector performed VT for the full weld length (19,995mm) on weld joint designations 004 through 008 on deck panel designation DP111-001. Weld joint designations 001 through 003 received 100% VT by QA Inspector Timothy McClendon. The results of this inspection were marked on the material with yellow paint marker and documented onto a Caltrans visual inspection form that will be filed in the applicable Caltrans binder for future review.

Later in the shift the QA Inspector performed 100% VT for weld joint designations 008 through 010 on deck panel designation DP354-001. This QA Inspector also performed 100% VT on weld joint designations 004 and 005 on DP0113-002. Again the inspection results were marked onto the material with yellow paint marker and recorded onto a Caltrans inspection form for later review. The visual inspection for the remaining weld joint designations on the two deck panels listed above were completed on this date by QA Inspector's Kenneth Riley and David Kelsey.

Summary of Conversations:

No relevant conversations this date.

WELDING INSPECTION REPORT

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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.

Inspected By:	Leach,Ed	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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