

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-003048**Date Inspected:** 01-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2230**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 Panel	

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.

OBG-Bay 1

The QA Inspector performed a visual inspection on DP548-001, welds 1 through 8 to document locations of defective weld previously marked up during an initial visual inspection performed by American Bridge QC personnel and Caltrans, METS QA personnel. The purpose of the documentation was to verify the percentage differences of total defective weld between ABF and QA personnel. The QA Inspector recorded the information onto a blank Caltrans inspection report for information only. Once completed, this information was scanned and e-mailed to QA task leader Jim Cochran. The original hard copy of this documentation was also provided to Mr. Cochran.

Summary of Conversations:

Upon arriving to the jobsite, the QA Inspector was informed by dayshift QA personnel Alfredo Accuna that there large differences in percentages of total defective weld between ABF QC personnel and Caltrans QA personnel. The QA Inspector was informed by Mr. Accuna that total defective weld percentages need to be verified on DP548-001.

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

WELDING INSPECTION REPORT

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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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