

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-001803**Date Inspected:** 26-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2000**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 500**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	None	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	

Summary of Items Observed:

Caltrans Quality Assurance Inspector Gabriel Quintana (QA Inspector) arrived at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to observe fabrication and Quality Control Inspectors (QC Inspectors) perform their duties and responsibilities as specified in the contract documents, approved plans, fabrications documents and Special Provisions for this project. While on site the QA Inspector observed the following:

Bay 1- QA Inspector performed a Quality Assurance visual weld inspection on Deck Plate Assembly DP-062-001 at welds DP062-001-001, DP062-001-002, DP062-001-003, DP062-001-004 and DP062-001-005. QA Inspector Dan Hernandez performed a Quality Assurance visual weld inspection on the remaining welds DP062-001-006 thru DP062-001-010. QA Inspectors observed various defects which include excess weld buildup, overlap, underfill, undercut and incomplete fusion. The lengths and the location of each of these areas were listed in the Caltrans QA Visual Weld Inspection Report for the Orthotropic Box Girder (OBG) Deck Panel and copies of these reports were forwarded to Caltrans Task Leader Jimmy Cochran for review.

Summary of Conversations:

No communications took place between the QA and QC Inspector.

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.

WELDING INSPECTION REPORT

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Inspected By:	Quintana, Gabriel	Quality Assurance Inspector
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Reviewed By:	Cochran, Jim	QA Reviewer
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