

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-002774**Date Inspected:** 01-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**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:	Floor Beams	

Summary of Items Observed:

Caltrans Quality Assurance Inspector Mr. David Kelsey (Caltrans QA Inspector) arrived at Shanghai Zhenhua Port Machinery Co (ZPMC) to observe the ZPMC Quality Control Inspectors noted below perform the duties and responsibilities as outlined in the Welding Quality Control Plan (WQCP), Contract Special Provisions and to randomly inspect the in-process welding fabrication at ZPMC fabrication facility for the Orthotropic Box Girder (OBG) and Tower bridge structural components.

CWI Inspector: NA No welding observed

Per ZPMC UT inspection notification (00468) for FB016 & FB009, this inspector performed Ultrasonic Testing (UT) verification of the QC UT Inspected and accepted welds. QA Inspector's visual and UT verification appears to be acceptable with AWS D1.5-02 section 6, table 6.3. Reference QA Ultrasonic Test Report TL-6027 dated 6/01/08 for specific test data.

Summary of Conversations:

ZPMC QC Fu Yuhong assisted this inspector in locating floor beams FB016 & FB009 and identifying the weld locations.

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 Patrick Lowry 858-344-2712, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By:	Kelsey, David	Quality Assurance Inspector
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Reviewed By:	Cochran, Jim	QA Reviewer
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