

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-001845**Date Inspected:** 19-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

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	

Summary of Items Observed:

This Quality Assurance Inspector (QAI) completed depth of penetration ultrasonic testing of welds 001-004 for PMT-1 DP008-001 & DP299-001 and welds 001 through 006 for PMT-2 DP001-001 & DP135-002. All welds appeared to meet the requirements of the code and special provisions. For detail see ultrasonic testing report 6027 modified dated March 19, 2008

This QAI read macros for deck plates DP008 & DP299 and DP044 for a total of 23 specimens today. DP044 macro 4-2 had LOP of 3.0mm with penetration being 9.0mm being rejected and for DP008/299 macro 3-5 had a crescent shaped rust ring perpendicular to and at the end of the lack of penetration (LOP). This sample needs to be re-polished and etched to look for the existence of a possible indication in the area of rust. Macros were left arranged for the second shift QAI David Smith to photograph.

This QAI received direction on dispensation of the radiographic film and reports from Task Leader Craig Hager today. Radiographic reports for film reviewed yesterday were filed and American Bridge/Fluor (ABF) copies of radiographic shooter sheets were routed to Mr. Kevin Carpenter of ABF.

WELDING INSPECTION REPORT

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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.

Inspected By: Berger, Bruce

Quality Assurance Inspector

Reviewed By: Hager, Craig

QA Reviewer