

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-003190**Date Inspected:** 23-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**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:	Tower / OBG	

Summary of Items Observed:

UT

This QA inspector received Notification of Witness Inspection # 574 from ZPMC for Ultrasonic Testing (UT) of bottom plates in bay 3 after ZPMC UT personnel had completed their inspection. This QA inspector performed 10% verification for the following weld joints; BP193-001-023, BP191-001-019 and 020 and BP192-001-019 and 020 total welds tested were 5. This QA inspector's 10% verification on the noted weldments had determined by testing that the weldment appeared to be within compliance. A TL-6028 will be generated for these locations. Also requested was skin plate SSD1-SA179 which had 16 locations for testing, when this QA inspector located this component it was observed that ZPMC had performed UT on one side of the plate and had turned the plate over but had not completed the UT inspection by the end of his shift.

Summary of Conversations:

As Noted Above.

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 JOSHUA ISHIBASHI, China- 1-376-471-0411, who represents the Office of Structural Materials for your project.

Inspected By: Riley, Ken

Quality Assurance Inspector

Reviewed By: Carreon, Albert

QA Reviewer