

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-005652**Date Inspected:** 04-Feb-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**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 Segment	

Summary of Items Observed:

CALTRANS OSM Quality Assurance (QA) Inspector, Erik Prue was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. QA Inspector and/or found the following:

Outside Paint Shop lift 3AW: QA Inspector was informed by ZPMC QC that welds and base material indications marked for repair by QA Inspector and ABF QC Inspectors had been repaired and inspected by ZPMC QC and found ready for QA visual verification. QA Inspector arrived at lift 3AW at 0830 and observed ABF QC Inspectors performing visual re-inspection on the inside of OBG lift 3AW. QA Inspector found several indications marked by ABF QC Inspectors and QA Inspector had not been repaired. QA Inspector asked ZPMC QC Wang Lu why the indications marked for repair had not been completed. Mr. Wang Lu informed QA Inspector he did not know why. QA Inspector asked Mr. Wang Lu to notify QA when the repairs are complete and inspected by ZPMC QC Inspectors.

Outside Paint Shop Lift 3AW: At 1300 QA Inspector was notified by Mr. Wang Lu that lift 3AW repairs were complete and inspected and accepted by ZPMC QC Inspectors. 1315 hours QA Inspector arrived at lift 3AW and observed several indications still had not been repaired and some areas that were repaired still needed to be ground and or welded. QA Inspector informed ABF and ZPMC QC Inspectors that lift 3AW welds and base material is still not ready for QA Inspector visual verification at this time.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

WELDING INSPECTION REPORT

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Summary of Conversations:

Conversations noted in items observed 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 Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Prue,Erik	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
