

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-012968**Date Inspected:** 04-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**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:	Tower Components	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance Inspector (QA Inspector) George Goulet was present during the times noted above for observations relative to the work being performed.

Bay 11

This QA Inspector randomly observed the following work in progress in Bay 11.

Match drilling with magnetically mounted drills through previously scored holes into PCMK east tower, lift 3 at the lift3/lift 4 joint, skin E, from the outside in. No template was being used.

Bay 10

This QA Inspector randomly observed the following work in progress in Bay 10.

Match drilling with magnetically mounted drills through previously scored holes into PCMK south tower, top of lift 3 and bottom of lift 4, at the lift3/lift 4 joint, skin A, from the outside in. No template was being used.

Match drilling with magnetically mounted drills through previously scored holes into PCMK south tower, bottom of lift 4 at the lift3/lift 4 joint, skin D, from the outside in. No template was being used.

Heavy Dock

This QA Inspector randomly observed the following work in progress on the Heavy Dock:

ABF Representative Zhao Ying Sheng informed this QA Inspector that no welding related work was being

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performed on the tower trial assembly, but ZPMC crews were at the 53M, 65M, and 77M elevations performing fit-up and drilling operations. This QA Inspector observed the ZPMC crews exiting the tower trial assembly at approximately 2115 hours.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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 Skyler Guest, 150-0042-2360, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet,George	Quality Assurance Inspector
Reviewed By:	Dawson,Paul	QA Reviewer
