

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019368**Date Inspected:** 16-Jan-2011**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
Bridge No:	34-0006	Delayed / Cancelled:	Yes	No N/A
		Component:	Tower and OBG 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:

Tower, lift 5 was positioned on stanchions and covered on the four sides with plastic tarps. The 100+mm top plate was in place. See photo below. A blower was feeding air inside the tarped area through an approximate 400mm duct. The skin of the duct measured approximately 20°C and felt warm to the touch. ZPMC workers were inside the tarped area performing touch-up painting using brushes and rollers. Other ZPMC workers were also inside the tarped area and on top of the top plate and performing installation of ASTM A325M bolt sets and what appeared to be initial tightening (snug tight) using an air operated impact wrench.

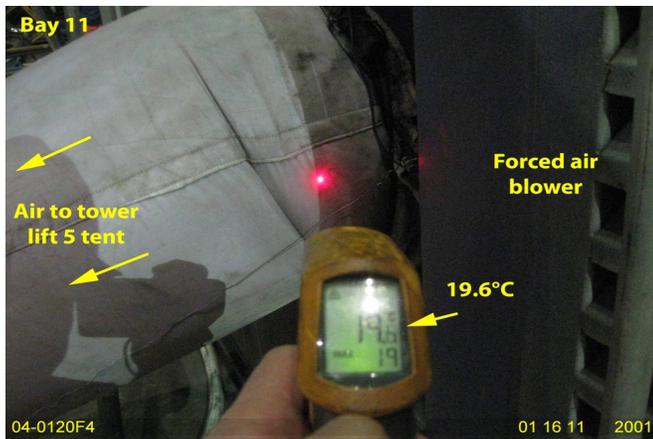
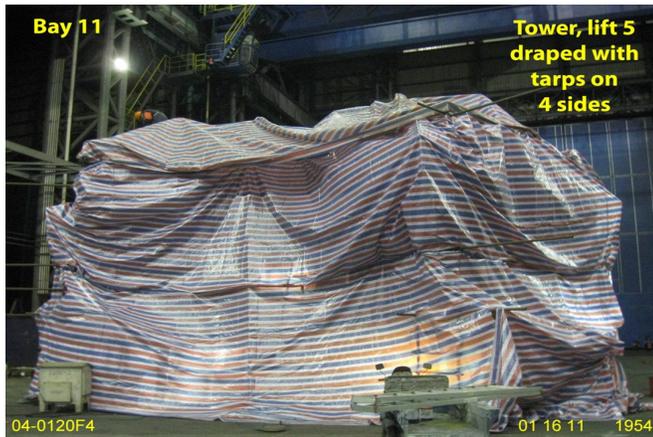
Heavy Dock

This QA Inspector randomly observed no apparent work in progress on the Heavy Dock. Several bundles of steel traffic barriers, several unidentified bundles of parts wrapped for shipping, and 1 bike path section were positioned on the Heavy Dock. OBG segments 11E and 11W; 4 tower, lift 4's; sections CB15 and CB16; several bundles of steel traffic barriers; and 18 bike path sections were on the deck of the ship moored at the end of the heavy dock.

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

WELDING INSPECTION REPORT

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Summary of Conversations:

No significant conversations.

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 Micheal Ng, 159-2184-5703, who represents the Office of Structural Materials for your project.

Inspected By: Goulet, George

Quality Assurance Inspector

Reviewed By: Riley, Ken

QA Reviewer