

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-012471**Date Inspected:** 16-Feb-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 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.

Heavy Dock

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

This QA Inspector observed east tower, lift 2 which was in position on top of east tower, lift 1. No crane was rigged to east tower, lift 2. The elevator was not manned and it appeared that no work was being performed on the Heavy Dock.

Bays 10 and 11

No welding related work was observed being performed in either Bay 10 or Bay 11.

OBG Trial Assembly Area

This QA Inspector randomly observed the following work in progress in the OBG Trial Assembly Area:

No welding related work was observed being performed in the OBG Trial Assembly Area. However, six ABF technicians were performing magnetic particle testing (MT) and grinding outside OBG section 6AW/6BW, at the areas of temporary alignment plate removal only at transverse seams across the entire deck and both edge plates. Several areas were marked by ABF technicians as displaying indications.

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This QA Inspector performed random visual testing (VT) and then MT of approximately 15% of the above noted weld areas observed being magnetic particle tested by ABF technicians and previously tested and accepted by ZPMC Quality Control personnel. This inspection was performed on an informational basis and no TL-6028 report was generated for this date. The member is identified as outside OBG section 6AW/6BW, at the tranverse seams across the entire deck and both edge plates. The weld designations reviewed were OBW6-001, 002, 003, 004, 005. No apparent indications, other than those marked by ABF technicians, were observed.

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

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 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
