

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-025871**Date Inspected:** 13-Jul-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** ShangHai, China

CWI Name:	Sha Zi			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		

Summary of Items Observed:

Summary of Items Observed: On this date Caltrans OSM Quality Assurance(QA) Inspector, DJ Shin was present during the times noted above for observations relative to the work being performed.

Bay 9

This QA inspector performed Magnetic Particle Testing (MT) and Visual Inspection (VT) of approximately 15 % of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member(s) is/are identified as follows; BKSA020, on item number 1 of NWIT tracker document # 09704,

Bay 14

This QA Inspector observed the following work in progress for Bay 14.

ZPMC was performing match drilling on splice plate angles for lifts 13 and 14. ZPMC was also noted performing grinding to smooth the edges of areas that had been cut by Oxygen/Acetylene cutting and removing the burr's caused by drilling.

Bay 16

This QA Inspector observed the following work in progress for Bay 16.

ZPMC was performing joint fit upon Bike Path for Cantilever Truss. ZPMC was also noted performing grinding to smooth the edges of areas that had been cut by Oxygen/Acetylene cutting and removing the burr's caused by drilling for hand rail and steel barrier.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Bay 19

This QA Inspector observed the following work in progress for Bay 19.

ZPMC was performing joint fit upon Bike Path BK9003A. ZPMC was also noted performing grinding to smooth the edges of areas that had been cut by Oxygen/Acetylene cutting and removing the burr's caused by drilling for BK23A.

Trial Assembly Yard

This QA inspector performed Ultrasonic Testing (UT) of approximately 10 % of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The member(s) is/are identified as follows; OBG 13W, on item number 1, of NWIT tracker document #09703,

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

Summary of Conversations:

No relevant 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 Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Shin,DJ	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer
