

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-011980**Date Inspected:** 16-Jan-2010**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:	NA.	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:

On this day CALTRANS OSM Quality Assurance Inspector (QA) Shailesh Wadkar was present during the times noted above for observations relative to the fabrication of the Self Anchored Suspension (SAS) Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

For Cross Beams (CB):

Bay 3: CB14.

This QA Inspector observed that no significant work was being performed on this CB at the time when this QA was present.

Bay 6: CB9.

This QA Inspector observed that no significant work was being performed on this CB at the time when this QA was present.

Outside Yard:

CB16:

This QA Inspector observed ZPMC QC Magnetic Particle Test (MT) technician identified as Xu Hua Xiang, performing MT of various joints. This QA Inspector performed random in process Visual Inspection of various weld joints for which MT was not done. Visually, no significant indications were seen and these welds were found

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

to comply with the Contract documents.

CB13:

This QA Inspector observed ZPMC performing the grinding of the weld profile. ZPMC QC identified as Guo Yan Fei, was observed performing visual inspection of the welds after grinding the weld profile. This QA Inspector performed in process Visual Inspection of various weld joints for which weld profile was ground. Visually, these welds appeared to comply with the contract documents. No significant indications were seen.

CB8, CB11, CB10, CB15, CB7 & CB12:

This QA Inspector observed that no significant work was being performed on the above mentioned CB's at the time when this QA was present.

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

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

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; phone: 15000422372., who represents the Office of Structural Materials for your project.

Inspected By:	Wadkar,Sailesh	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer
