

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-025475**Date Inspected:** 04-Jul-2011**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:** An Qing Xiang**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 (QA) Inspector Umesh Gaikwad 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:

Visual Inspection after Painting at Segment 13BE and 13CE internal

This Quality Assurance (QA) Inspector performed random visual inspection of OBG Segment 13BE and 13CE internal Deck panel, side panel, bottom panel and Floor beam surfaces after primer painting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were marked by QA and informed to ABF and ZPMC personnel.

This QA Inspector observed the following work in progress:

OBG TA YARD

ZPMC welding personnel performing Shielded Metal Arc Welding of Fillet weld located on 13AE. The weld is designated as SEG3007AT-356. The welder is identified as 068097. ZPMC QC Mr. LIU HUA JIE was onsite monitoring the welding variables. The in process Shielded Metal Arc Welding appears to be progressing in compliance with WPS-B-P-2112-FCM-1.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

ZPMC welding personnel performing Shielded Metal Arc Welding of Fillet weld located on 13AE. The weld is designated as SEG3007AT-352. The welder is identified as 044316. ZPMC QC Mr. LIU HUA JIE was onsite monitoring the welding variables. The in process Shielded Metal Arc Welding appears to be progressing in compliance with WPS-B-P-2112-FCM-1.

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

Inspected By:	Gaikwad,Umesh	Quality Assurance Inspector
Reviewed By:	Peterson,Art	QA Reviewer
