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 #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 99.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-024285
Date Inspected: 05-Jun-2011

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 700
OSM Departure Time: 1900
Location: Shanghai

CWI Name:
Inspected CWI report: ☐ Yes ☐ No ☑ N/A
Electrode to specification: ☐ Yes ☐ No ☑ N/A
Qualified Welders: ☐ Yes ☐ No ☑ N/A
Approved Drawings: ☑ Yes ☐ No ☐ N/A

CWI Present: ☐ Yes ☑ No
Rod Oven in Use: ☐ Yes ☐ No ☑ N/A
Weld Procedures Followed: ☐ Yes ☐ No ☑ N/A
Verified Joint Fit-up: ☐ 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 date Caltrans OSM Quality Assurance (QA) Inspector R. Hernandez was present during the time noted above and conducted observations relative to the work being performed.

The QA Inspector randomly observed the following work in progress:

Trial Assembly Segments 13AE to 13CE

This QA inspector observed the ZPMC personnel installing connection plates at deck panel to deck panel U-ribs at PP123 to PP123.5 and PP122 to PP122.5. No high strength bolts installed, only alignment pins and erection bolts. Also observed installation of bottom panel to panel stiffeners at PP121 to PP121.5 and ZPMC personnel performing match drilling at the same location. Side plate connection plates being trial fit at PP124 to 124.5.

Trial Assembly Segment 14AE @ CB19E

This inspector observed ZPMC personnel performing match drilling at bottom east side of CB19E.

Trial Assembly 13AW to CB18W

This inspector observed ZPMC personnel performing match drilling at bottom west side of CB18.

Trial Assembly 13AW

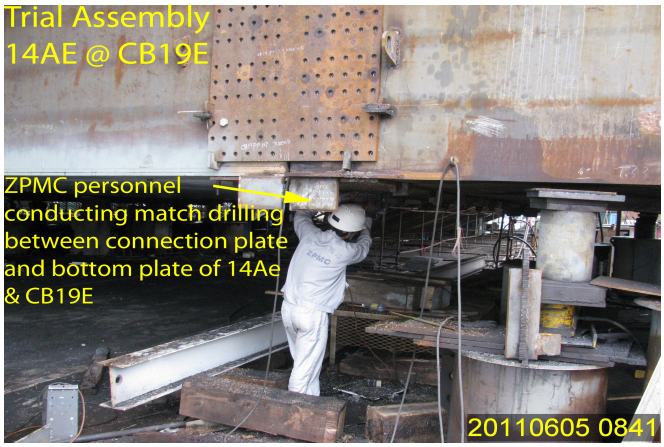
WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This QA inspector performed 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. All components were as listed on NWIT notification no. 09367. The member(s) is/are identified as OBG Segment components identified below with the following identifying weld no.(s):

1. SEG3013AP-121 & 131.

Unless otherwise noted above all items observed on this day appeared to be in general compliance with the applicable contract documents



Summary of Conversations:
Pertinent conversations are included in the body of the report.

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 1500-0042-02372, who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Rene	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer