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-026102
Date Inspected: 05-Aug-2011

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

OSM Arrival Time: 1500
OSM Departure Time: 300
Location: Shanghai, China

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 13BE

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Dennis Combs, was present during the times noted above for the observations relative to the work being performed.

This Quality Assurance (QA) Inspector has performed documentation review of the Green Tag system utilized by American Bridge/Flour (ABF) and Caltrans METS. This QA Inspector has Identified Complete Joint penetration (CJP), Partial Joint Penetration (PJP), and Fillet Welds in Lift 13BE. He has also verified the Non-Destructive Testing requirements for each weldment that includes the NDT process (UT, MT, and RT) and the percentage required by the contractor to perform. These items are within the Contract special provision, CCO 22 and within compliant of CCO 77. This information has been documented and compiled in a Green Tagging spread sheet that is located on the Caltrans Team China Z; drive.

ZHENHUA SHIP 19

This QA inspector performed Ultrasonic Testing (UT) of approximately 10% of an area that has been previously tested and accepted by ZPMC and AB/F personnel. This QA inspector generated an UT report for this date. The segment is identified as 13AW. The weld designations reviewed are as follows.

SEG3013AA-015
SEG3013AE-098
SEG3013AW-006
SEG3013D-041

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SEG3013E-099
SEG3013M-191
SEG3013R-153

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 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Combs,Dennis	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer