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-024604
Date Inspected: 15-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:	Liu Fa Wen, Su Le Feng			**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 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:

Bay Number 1

This inspector observed ZPMC personnel performing trial assembly of Bike Path handrails from PP020 to PP026.

This inspector observed ZPMC personnel performing grinding on miscellaneous Bike Path handrail components.

Bay Number 7

This QA inspector performed MT 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. All components were as listed on NWIT notification no. 09474. The member(s) is/are identified as OBG Bike Path components identified below with the following identifying weld no.(s):

1. BK019-001-001 & 002..
2. BKSA015-001-001~004, 017, & 018.
3. BKSA018-001-013~016.

4. BKSA015-001-009~012.
5. BKSA018-001-009~012.

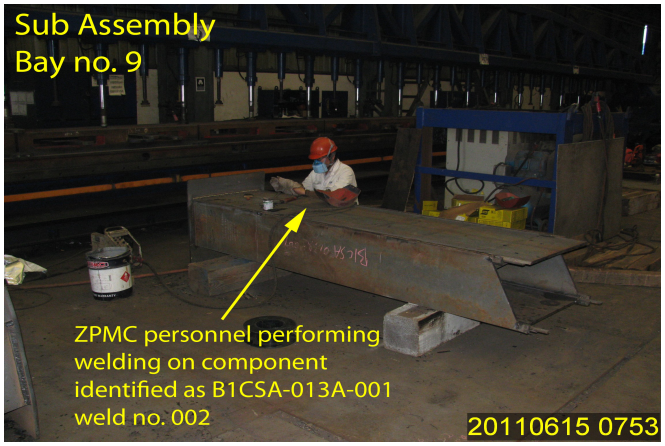
Bay Number 9

FCAW welding of complete joint penetration welds located on Cantilever Box Bracket Assembly component identified as B1CSA-013A-001 weld no.(s) 001/002. Welder is identified as welder no. 059378. The welding variables recorded by ZPMC QC identified as Mr. Liu Fa Wen appeared to comply with applicable WPS(s) WPS-B-T-2231-ESAB.

Bay Number 11

FCAW welding of complete joint penetration welds located on Bike Path component identified as BK1A4-001-14 weld no.(s) 143, 144, 046, 047, 158, 159, 148~151. Welder is identified as welder no. 066326. The welding variables recorded by ZPMC QC identified as Mr. Su Le Feng appeared to comply with applicable WPS(s) WPS-B-T-2232.

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

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Reviewed By: Hall,Steven QA Reviewer