DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-008031
Date Inspected: 09-Jul-2009

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

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

CWI Name: Fu You Shen

Inspected CWI report:	☐ Yes	☑ No	☐ N/A	**CWI Present:**	☑ Yes	☐ No	
Electrode to specification:	☑ Yes	☐ No	☐ N/A	**Rod Oven in Use:**	☑ Yes	☐ No	☐ N/A
Qualified Welders:	☑ Yes	☐ No	☐ N/A	**Weld Procedures Followed:**	☑ Yes	☐ No	☐ N/A
Approved Drawings:	☑ 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 & TOWER components

Summary of Items Observed:

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

Bay# 6-Tower Assembly:
This QA Inspector randomly observed the following work in progress:

SMAW Process:
Welding of weld joint# 55 located on PCMK WD1 A305-53M-3. Welder is identified as 037932. ZPMC QC is identified as Shi Yu. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-4113-1.

Welding of weld joint# 47 located on PCMK WD1 A305-53M-3. Welder is identified as 068091. ZPMC QC is identified as Shi Yu. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-4113-1.

Welding of weld joint# 46 located on PCMK WD1 A305-53M-3. Welder is identified as 066268. ZPMC QC is identified as Shi Yu. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-2113.

Welding of weld joint# 46 located on PCMK WD1 A305-53M-3. Welder is identified as 068924. ZPMC QC is identified as Shi Yu. The welding variables recorded by QC appeared to comply with the specified WPS no.

B-T-2113.

Bay# 14-OBG Assembly:
This QA Inspector randomly observed the following work in progress:

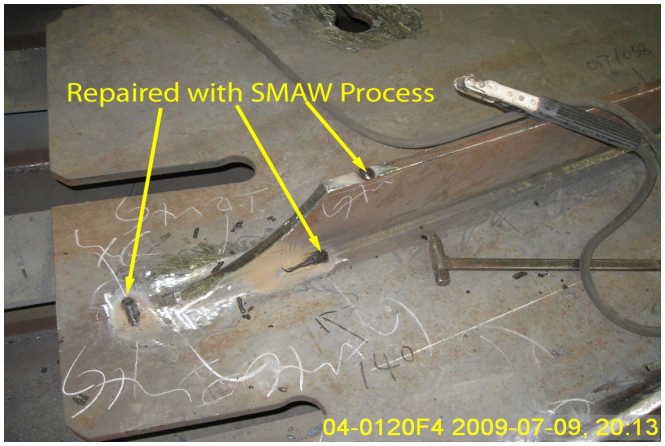
SMAW Process:
Repair welding of weld joint# 140 located on PCMK CSD-PP 93. Welder is identified as 207464. ZPMC QC is identified as Jiu Wan Wing. The welding variables recorded by QC appeared to comply with the specified WPS no. WPS-345-SMAW-2G(2F)-Repair.

Bay# 13-OBG Assembly:
This QA Inspector randomly observed the following work in progress:

SMAW Process:
Welding of weld joint# 28 located on PCMK 8BW-SEG 045*. Welder is identified as 216086. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the specified WPS no. B-P-2213-B-U2.

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

Summary of Conversations:
No relevant conversation



WELDING INSPECTION REPORT

(Continued Page 3 of 3)

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 Serge Sinevod 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Chakrabarti,Dilip Kumar	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer