

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005302**Date Inspected:** 30-Jan-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Xu Xian Ping
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 components**Summary of Items Observed:**

On the 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-OBG Assembly

This QA Inspector randomly observed the following work in progress:

FCAW Process:

Welding of weld joint# 041,042,043,044,045,046,047 & 048 located on PCMK SP 215-001. Welder is identified as 205766. ZPMC QC is identified as Li Jie. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-2132-3.

Welding of weld joint# 002 located on PCMK BP 201-006. Welder is identified as 205766. ZPMC QC is identified as Li Jie. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-2132-3.

Welding of weld joint# 017,018,019 & 020 located on PCMK DP 527-001. Welder is identified as 205766. ZPMC QC is identified as Li Jie. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-2132-3.

WELDING INSPECTION REPORT

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Welding of weld joint# 085,086,109 & 110 located on PCMK DP 520-001. Welder is identified as 205766. ZPMC QC is identified as Li Jie. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-2132-3.

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

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