

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-008540**Date Inspected:** 22-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhao Chen Sun**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, Utekar Shrikant was present during the times noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress.

BAY#06

SMAW welding process of weld joint 24 located on PCMK NSD1-DPSA4-19B/B. Welder is identified as 067588 ZPMC QC is identified as Shi Yu. The welding variables recorded by QC appeared to comply with the WPS-B-T-3313-TC-P5.

SMAW welding process of weld joint 25 located on PCMK NSD1-DPSA4-19B/B. Welder is identified as 067588 ZPMC QC is identified as Shi Yu. The welding variables recorded by QC appeared to comply with the WPS-B-T-3313-TC-P5.

SMAW welding process of weld joint 20 located on PCMK WSD1-DPSA4-4B/B. Welder is identified as 068918 ZPMC QC is identified as Zhao Chen Sun. The welding variables recorded by QC appeared to comply with the WPS-B-T-3313-TC-P5.

SMAW welding process of weld joint 21 located on PCMK WSD1-DPSA4-4B/B. Welder is identified as 066459 ZPMC QC is identified as Zhao Chen Sun. The welding variables recorded by QC appeared to comply with the

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

WPS-B-T-3313-TC-P5.

SMAW welding process of weld joint 22 located on PCMK WSD1-DPSA4-4B/B. Welder is identified as 066478 ZPMC QC is identified as Zhao Chen Sun. The welding variables recorded by QC appeared to comply with the WPS-B-T-3313-TC-P5.

SMAW welding process of weld joint 23 located on PCMK WSD1-DPSA4-4B/B. Welder is identified as 037743 ZPMC QC is identified as Zhao Chen Sun. The welding variables recorded by QC appeared to comply with the WPS-B-T-3313-TC-P5.

BAY#3

FCAW welding process of weld joint 35 located on PCMK CSD5-PP79. Welder is identified as 204338 ZPMC QC is identified as Zhang Ya Xu. The welding variables recorded by QC appeared to comply with the WPS-B-T-2132-3

FCAW welding process of weld joint 96 located on PCMK CSD4-PP82. Welder is identified as 204338 ZPMC QC is identified as Zhang Ya Xu. The welding variables recorded by QC appeared to comply with the WPS-B-T-2132-3.

BAY#8

SAW welding process of weld joint 001 located on PCMK SP203A-CB201D-012. Welder is identified as 207463 ZPMC QC is identified as Zhang Jing Xin. The welding variables recorded by QC appeared to comply with the WPS-B-T-2221-B-L2C-S-2

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

Summary of Conversations:

No relevant conversation

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 Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

Inspected By:	Utekar,Shrikant	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
