

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 #: 04-0120F4Cty: 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-015713**Date Inspected:** 18-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2100**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li yan hua / Xu tao**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 Components**Summary of Items Observed:**

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

BAY#14

FCAW welding of weld joint 2F-023 located on PCMK SP3074-001 for Segment 13BE the welder is identified as 044774. ZPMC QC is identified as Mr. Wang Xu. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

SMAW welding of weld joint 2F-006 located on PCMK SEG3004* for Segment 12AW the welder is identified as 037743. ZPMC QC is identified as Mr. Tang ya jun. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G(4F)-Repair.

SMAW welding of weld joint 2G-004 located on PCMK CA3009 for Segment 12BW the welder is identified as 045133. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2212-Tc-U4b-FCM-1.

FCAW welding of weld joint 2F-018 located on PCMK SP3099A-001 for Segment 13AW the welder is identified as 055564. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

BAY#16

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

SAW welding of weld joint 1G-002 located on PCMK LD3035-001 for Segment 13BW the welder is identified as 250050. ZPMC QC is identified as Mr. Xia chun hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U2c-S-2.

OUTSIDE YARD

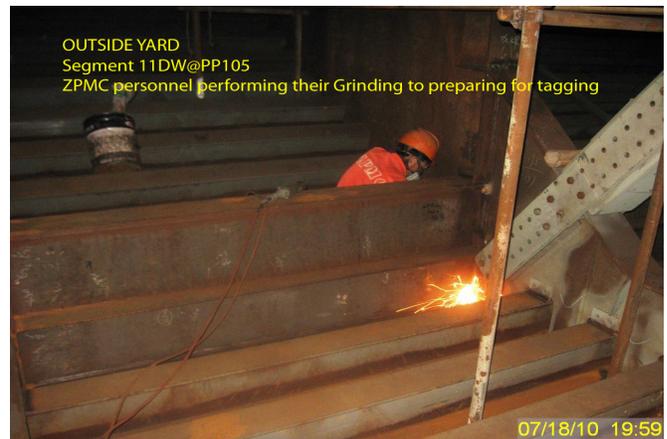
SMAW welding of repair weld joint 4G-010 located on PCMK SEG074A for Segment 11EE the welder is identified as 068097. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G(4F)-FCM-Repair and WR-11257.

SMAW welding of repair weld joint 4G-110 located on PCMK SEG071E for Segment 11DW the welder is identified as 045246. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-3G(3F)-FCM-Repair and WR-13991.

BAY#19

ZPMC personnel performing Visual inspection on Suspender bracket is identified as SB74E and SB82E. Grinding is in process.

Unless otherwise noted, all work observed on this date 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 Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
----------------------	--------------	-----------------------------

Reviewed By:	McClendon,Timothy	QA Reviewer
---------------------	-------------------	-------------