

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-016020**Date Inspected:** 01-Aug-2010**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:** Geng wei / 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

SMAW welding of repair weld joint 4G-006 located on PCMK SEG3005* for Segment 12BW the welder is identified as 205718. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G (4F)-Repair.

SMAW welding of repair weld joint 4G-242 located on PCMK SEG3006M for Segment 12CW the welder is identified as 066179. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G (4F)-FCM-Repair.

SMAW welding of repair weld joint 3G-013 located on PCMK DP3056-001 for Segment 12BW the welder is identified as 045268. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-3G (3F)-Repair.

FCAW welding of weld joint 1G-002 located on PCMK SEG3014-002 for Segment 13BW the welder is identified as 201215. ZPMC QC is identified as Mr. Zhong lin. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F.

SAW welding of weld joint 1G-004 located on PCMK SEG3014A for Segment 13BW the welder is identified as

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045270. ZPMC QC is identified as Mr. Zhong lin. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

SAW welding of weld joint 1G-006 located on PCMK SEG3011A for Segment 13CE the welder is identified as 044780. ZPMC QC is identified as Mr. Zhong lin. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

BAY#19

FCAW welding of weld joint 2G-008 located on PCMK SB020-084 for OBG SB84E the welder is identified as 062783. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4b-F.

ZPMC personnel performing Magnetic particle testing of fillet welds in Bike path is identified as BK004A-004.

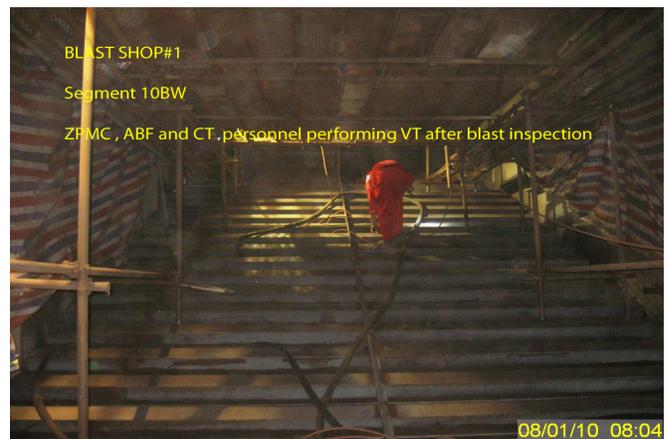
OUTSIDE SHOP

SMAW welding of repair weld joint 4G-019 located on PCMK SEG3001* for Segment 12AE the welder is identified as 044772. ZPMC QC is identified as Mr. Wu shi gao. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G(4F)-FCM-Repair and WR-12655.

BLAST SHOP#1

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG segment 10BW Bottom panel, Side panel and Floor beam surfaces from the panel point 89 to 90 after grit blasting. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

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



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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.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
