

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-015095**Date Inspected:** 12-Jun-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:** Wu shi gao/ 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#19

FCAW welding of weld joint 2F-039/040 located on PCMK BK004A7-013 the welder is identified as 062761. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 3F-190/191 located on PCMK BK004A7-013 the welder is identified as 06276. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2133.

FCAW welding of weld joint 2F-026 located on PCMK SB014-058 the welder is identified as 062757. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2F-032 located on PCMK SB015-066 the welder is identified as 062755. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

This QA inspector performed 15% MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG suspender bracket. The weld designations reviewed as follows. NWIT- 05964.

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SB014-054-001,006,009,012,025,031,049,067,004. Green tag no -012319.

BAY#16

SAW welding of weld joint 1G-003 located on PCMK BP3074-001 of Segment 13AW welder is identified as 045265. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

OUTSIDE SHOP

11AE

SMAW welding of repair weld joint 2G-004 located on PCMK CA082 of Segment 11AE welder is identified as 044772. ZPMC QC is identified as Mr. Zhong gong yang . The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G (2F)-FCM-Repair-1 and approved B-CWR1598.

SMAW welding of weld joint 4G-036 located on PCMK OBE11D of Segment 11AE welder is identified as 067752. ZPMC QC is identified as Mr. Zhong gong yang . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b-FCM-1.

11BW

SMAW welding of weld joint 3G-181 located on PCMK SSD11A-PP99 of Segment 11BW welder is identified as 43661. ZPMC QC is identified as Mr. Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2213-Tc-U4b-FCM-1.

12AW

FCAW welding of weld joint 2G-251 located on PCMK SEG3004J the welder is identified as 201215. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4b-F.

SMAW welding of weld joint 4F-020 located on PCMK SEG3004P the welder is identified as 066361. ZPMC QC is identified as Mr. Wu shi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

11DW

SMAW welding of weld joint 4F-209 located on PCMK SSD11A-PP105 the welder is identified as 067764. ZPMC QC is identified as Mr. Wu shi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

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
