

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-016427**Date Inspected:** 20-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:** 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 1G-002 located on PCMK BK004A3-008 the welder is identified as 208641. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint 2F-045 located on PCMK BK004A3-008 the welder is identified as 058792. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 4F-035 located on PCMK BK004A6-010 the welder is identified as 260562. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2134.

FCAW welding of weld joint 2F-057 located on PCMK BK004A6-010 the welder is identified as 208632. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2134.

FCAW welding of weld joint 1G-010 located on PCMK BK004A3-012 the welder is identified as 208633. ZPMC

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QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4a-F.

FCAW welding of weld joint 4F-024 located on PCMK BK004A6-012 the welder is identified as 500909. ZPMC QC is identified as Mr.ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2134.

ZPMC personnel performing their heat straightening of suspender bracket is identified as SB82W is appeared to comply with HSR1(B)-9045.

OUTSIDE SHOP

SMAW welding of weld joint 3F-006 located on PCMK SEG072E of the Segment 11DE welder is identified as 058102. 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.

SMAW welding of repair weld joint 4G-010 located on PCMK SEG074A of the Segment 11EE welder is identified as 049339. 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-1 and B-WR14022.

11CW

This QA inspector performed UT of repair weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as OBG Segment 11CW. The weld designations reviewed as follows.

CSD9-PP102-067.

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
