

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-013727**Date Inspected:** 25-Apr-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:** Lv Liqian**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

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as U-ribs splice. The weld designations reviewed are as follows: NWIT-005594.

USPL1-540-001,002.

USPL1-545-001,002.

USPL1-549-001,002.

USPL1-517-001,002.

USPL1-547-001,002.

USPL1-596-001,002.

USPL1-548-001,002.

USPL1-552-001,002.

USPL1-507-001,002.

BAY#14

FCAW welding of weld joint 2F-060 located on PCMK SSD13-PP90 of segment 10BW welder is identified as 204730. ZPMC QC is identified as Mr. Tao wei. The welding variables recorded by QC appeared to Comply with

WELDING INSPECTION REPORT

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the WPS-B-T-2132.

SMAW welding of weld joint 3F-063 located on PCMK CA073 of segment 10BW welder is identified as 047864. ZPMC QC is identified as Mr.Tao wei. The welding variables recorded by QC appeared to Comply with the WPS-B-T-4113-2.

FCAW welding of weld joint 1G-019 located on PCMK SEG30023 of segment 12AE welder is identified as 048038. ZPMC QC is identified as Mr.Wang xu. The welding variables recorded by QC appeared to Comply with the WPS-B-T-223(2)1T-2.

OUTSIDE SHOP

11AW

SMAW welding of weld joint 4F-130 located on PCMK SSD13A-PP97 of segment 11AW welder is identified as 044772. ZPMC QC is identified as Mr.Tang ya jun. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

10CE

SMAW welding of critical repair of weld joint 2G-004 located on PCMK CA078 of segment 10CE welder is identified as 049339. ZPMC QC is identified as Mr.Li ping. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G(2F)-FCM-Repair-1 and CWR1434.

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.

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