

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-014532**Date Inspected:** 12-May-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:** Xu tao/ Zhou cheng**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 2G-050 located on PCMK SEG3004V of Segment 12AW welder is identified as 202122. ZPMC QC is identified as Mr. Zhang yong hong . The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-2G(2F)-repair and B-CWR1504.

FCAW welding of weld joint 2F-006 located on PCMK SEG3003G of Segment 12CE welder is identified as 0480381. ZPMC QC is identified as Mr. Zhang guo hui . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

SMAW welding of weld joint 4G-126 located on PCMK SEG3006D of Segment 12CW 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-P-2214-Tc-U4b-FCM-1.

OUTSIDE SHOP

11AE

SMAW repair welding of weld joint 4G-010 located on PCMK SEG066A of Segment 11AE welder is identified as 067571. ZPMC QC is identified as Mr. Tang ya jun. The welding variables recorded by QC appeared to

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Comply with the WPS-345-SMAW-4G(4F)-Repair and WR9492.

11BE

SMAW welding of weld joint 4G-222 located on PCMK SSD18A-PP100 of Segment 11BE welder is identified as 067572. ZPMC QC is identified as Mr. Tang ya jun. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b-FCM-1.

SMAW welding of weld joint 3G-018 located on PCMK SEG068D of Segment 11BE welder is identified as 215553. ZPMC QC is identified as Mr. Tang ya jun. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2213-Tc-U4b-FCM-1.

BAY#19

FCAW welding of weld joint 2G-046 located on PCMK BP026-015 of Lift 8 welder is identified as 062752. 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.

SMAW welding of weld joint 2G-018 located on PCMK SB014-052 welder is identified as 062749. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G(2F)-repair-1.

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
