

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-010325**Date Inspected:** 15-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**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:** Shen fu you / Lv Lvqiang**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

SAW welding of weld joint 1G-001 located on PCMK SEG057* of 9EW welder is identified as 045265.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.

FCAW welding of weld joint 3G-005 located on PCMK SSD12A-PP82 of 9DW welder is identified as 047866. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-B-U2-F.

FCAW welding of weld joint 1G-002 located on PCMK SEG067* of 11BW welder is identified as 048048.ZPMC QC is identified as Mr. Geng wei. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F.

BAY#13

SMAW welding of weld joint 4G-009 located on PCMK SEG068A of 11BE welder is identified as 067752.ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-TC-U4b-FCM-1.

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SMAW welding of weld joint 4F-064 located on PCMK SP781-001 of 11BW welder is identified as 200113. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-FCM-1.

FCAW welding of weld joint 2F-027 located on PCMK SEG065B of 11AW welder is identified as 044795. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

OUTSIDE SEGMENT

Ongoing heat straightening of Segment 7BW Deck panel splice DP115A, DP250A weld no is identified as SEG035*-005, Temperature and straightness checked ZPMC QC and recorded according to HSR1 (B)-7890.

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 Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar, Chadra	Quality Assurance Inspector
Reviewed By:	Patterson, Rodney	QA Reviewer
