

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-009121**Date Inspected:** 09-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen fu you**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 2F-126 located on PCMK SSD14A-PP79 of 9CW welder is identified as 204730. 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 3F-065 located on PCMK SSD14-PP79 of 9CW welder is identified as 203871. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2133.

SMAW welding of weld joint 4G-131 located on PCMK SSD13-PP73 of 9AW welder is identified as 020578. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b.

SAW welding of weld joint 1G-004 located on PCMK SEG055* of 9DW welder is identified as 045265. ZPMC QC is identified as Mr. Liu wan ning. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as Segment 9AW. The weld designations reviewed are as follows:

SEG049A-004,007.

Segment # 7DE

SMAW welding of repair weld joint 2F-004 located on PCMK SSD16A-PP056 of 7DE welder is identified as 57795.ZPMC QC is identified as Mr. Zhang qiang. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2F(2G)-Repair.

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:	Clifford,William	QA Reviewer
