

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-009338**Date Inspected:** 25-Sep-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:** 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.

TRAIL ASSEMBLY

SMAW repair welding of weld joint 1G-001 Deck panel splice weld located on PCMK OBE1 of 1AAE+1AE welder is identified as 045138,045196.ZPMC QC is identified as Mr. Zhang hai tao. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-1G(1F)-repair and WR7834.

This QA inspector performed MT of approximately 15% of the repair area previously tested and accepted by ZPMC and ABF Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as Lift 1E open stiffeners hold back area. The weld designations reviewed are as follows:

SP395-001-041.

SP396-001-039,042.

SP388-001-048,049,047.

SP390-001-037,038,039.

This QA inspector performed MT of approximately 15% of the repair tack weld area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as Lift 3W FL-3. The weld designations reviewed are as follows:

WELDING INSPECTION REPORT

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PP20,PP21,PP22 – FL3.

BAY#14

FCAW welding of weld joint 2F-015 located on PCMK DP262-001 of 10AW welder is identified as 207465. ZPMC QC is identified as Mr. Liu wang ning. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

SAW welding of weld joint 1G-002 located on PCMK SEG061* of 10BW welder is identified as 045265.ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Item Description

WBS

Dwg No.

Status

1

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