

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019800**Date Inspected:** 31-Oct-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** See below**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**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Kelly Leavitt, was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 10

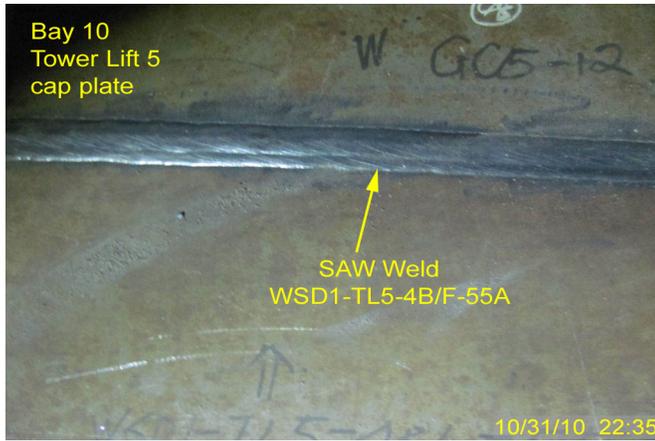
This QA Inspector observed the following work in progress for Bay 10. Submerged Arc Welding (SAW) of weld joint 51A-52A, 55A, 58A-59A and 73A located on WSDI-1TL5-4B/F. Welder was identified as 040699. ZPMC CWI was identified as Lai Yang and QC Zhao Mao Mao. The welding variables recorded by QC appeared to comply with WPS-B-T-3221-B-U3G-51.

This QA Inspector observed the following work in progress for Bay 10. Shielded Metal Arc Welding (SMAW) of weld joint 001, 005, 006, and 010 located on BK004A1-017. Welder was identified as 201500. ZPMC CWI was identified as Lai Yang and QC Zhao Mao Mao. The welding variables recorded by QC appeared to comply with WPS-B-T-2111.

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

WELDING INSPECTION REPORT

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Summary of Conversations:

No significant conversations

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 15000422372, who represents the Office of Structural Materials for your project.

Inspected By: Leavitt, Kelly

Quality Assurance Inspector

Reviewed By: Riley, Ken

QA Reviewer