

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-020136**Date Inspected:** 13-Dec-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:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector Brett W Rice was present during the times noted above for observations relative to the work being performed at ZPMC.

Bay 14

This QA Inspector observed the following work in progress for Bay 14.

ZPMC was using the Fluxed Cored Arc Welding (FCAW) process.

ZPMC QC is identified as Li Ming Yang.

Welding variables recorded by QC appeared to comply with the approved Welding Procedure Specification (WPS).

Listed below are the locations that were identified by this QA inspector.

PCMK: SEG-3020 Base Metal Repair

SA: 3447

Welder: 203871

WPS-345-FCAW-1G(1F)-ESAB-Repair

PCMK: SEG-3020 Base Metal Repair

SA: 3445

Welder: 048696

WPS-345-FCAW-1G(1F)-ESAB-Repair

PCMK: SEG-3020 Base Metal Repair

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SA: 3451

Welder: 048433

WPS-345-FCAW-1G(1F)-ESAB-Repair

Bay 14

This QA Inspector observed the following work in progress for Bay 14.

ZPMC was using the Shielded metal Arc Welding (SMAW) process.

ZPMC QC is identified as Li Ming Yang.

Welding variables recorded by QC appeared to comply with the approved Welding Procedure Specification (WPS).

Listed below are the locations that were identified by this QA inspector.

PCMK: AP-3031-001

Weld No: 409

WR: 18949

Welder: 200113

WPS-345-SMAW-3G(3F)-Repair-1

PCMK: AP-3031-001

Weld No: 429

WR: 18954

Welder: 216086

WPS-345-SMAW-3G(3F)-Repair-1

PCMK: AP-3031-001

Weld No: 305

WR: 18939

Welder: 054013

WPS-345-SMAW-3G(3F)-Repair-1

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Photos please see ; Z:\Inspector Reports\B314 Rice

Summary of Conversations:

No relevant conversations were reported on this date.

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: Rice,Brett

Quality Assurance Inspector

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Reviewed By: Riley, Ken

QA Reviewer