

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-019596**Date Inspected:** 17-Nov-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 2

This QA Inspector observed the following work in progress for Bay 2.

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

ZPMC QC is identified as Tian Lei.

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.

Components; Floor Beam

PCMK: FB-3343-001

Weld No: 330, 325, 327

Welder: 068859

WPS-B-T-2233-TC-U4C-F

WPS-B-T-2232-TC-U4C-F

PCMK: FB-3343-001

Weld No: 300, 295, 297

Welder: 069683

WPS-B-T-2233-TC-U4C-F

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WPS-B-T-2232-TC-U4C-F

PCMK: FB-3343-001

Weld No: 318, 313, 315

Welder: 068859

WPS-B-T-2233-TC-U4C-F

WPS-B-T-2232-TC-U4C-F

PCMK: FB-3343-001

Weld No: 216, 211, 213

Welder: 066733

WPS-B-T-2233-TC-U4C-F

WPS-B-T-2232-TC-U4C-F

PCMK: FB-3343-001

Weld No: 204, 199, 201

Welder: 067888

WPS-B-T-2233-TC-U4C-F

WPS-B-T-2232-TC-U4C-F

PCMK: FB-3343-001

Weld No: 181, 176, 178

Welder: 066763

WPS-B-T-2233-TC-U4C-F

WPS-B-T-2232-TC-U4C-F

Bay 8

This QA Inspector observed the following work in progress for Bay 8.

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

ZPMC QC is identified as Zheng Zhi Wei.

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.

Components; Bike Path

PCMK: BK004A3-056

Weld No: 023

Welder: 054458

WPS-B-T-2232-TC-U4B-F

PCMK: BK004A3-056

Weld No: 024

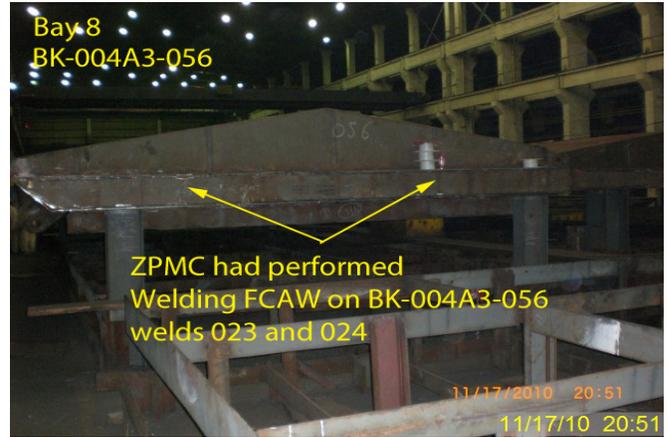
Welder: 500405

WPS-B-T-2232-TC-U4B-F

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



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

Reviewed By: Riley, Ken

QA Reviewer