

**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-019562**Date Inspected:** 09-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:**

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.

Bay 10

This QA Inspector observed the following work in progress for Bay 10.

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

ZPMC QC is identified as Jiang xi bo, CWI Qan Wen.

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.

Component; Bike Path, gussets

PCMK: BK004A2-025

Weld No. 009~012

Tack Welder: 057186

WPS-B-T-2113

Component; Bike Path, fit up

PCMK: BK004A4-029

Weld No. 032,033,047,048

Welders: 040533 and 500363

WPS-B-T-2113

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Component; Bike Path, fit up

PCMK: BK004A4-029

Weld No. 079~080,082~087

Welder: 040400

WPS-B-T-2112

Component; Tower Lift 4, pad eyes

PCMK: ND1-SFSA4-711-1

Weld No. 1,2,3,4,

Welder: 050038

WPS-B-T-2112

Component; Tower Lift 4, pad eyes

PCMK: ND1-SFSA4-70-1

Weld No. 1,2,3,4,

Welder: 050038

WPS-B-T-2112

Bay 11

This QA Inspector observed the following work in progress for Bay 11.

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

ZPMC QC is identified as Wang Chuag Xin, CWI Qan Wen.

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.

Component; Tower Lift 5, suspender bracket

PCMK: ND1-BRSA5-2-10B

Weld No. 14

Welder: 040724

WPS-B-T-3213-TL-U5b

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

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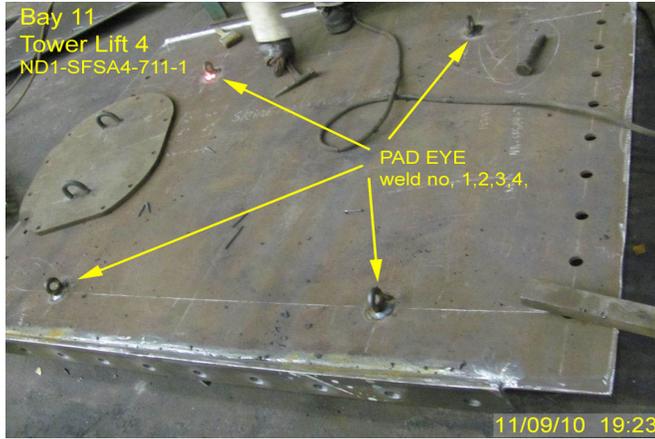
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## Summary of Conversations:

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.

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<b>Inspected By:</b>	Leavitt,Kelly	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley,Ken	QA Reviewer

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