

**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-024580**Date Inspected:** 28-May-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****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, Mike Hasler was present during the times noted above for observations and testing relative to the work being performed.

Trial Assembly

MT Inspection

This Caltrans QA inspector received ZPMC non-destructive test (NDT) NWIT #09286 Item 1~9 for OBG Segment 13AW, Trial Assembly. This QA Inspector performed verification Magnetic Particle Testing (MT) inspection after ZPMC had performed their MT inspection of the following locations;

Item 1; SEG3013R-177, 178, 184, 191

Item 2; SEG3013R-001

Item 3; SEG3013S-005

Item 4; SEG3013Q-030

Item 5; SEG3013P-001

Item 6; SEG3013N-001

Item 7; SEG3013M-003

Item 8; SEG3013K-019

Item 9; SEG3013L019

This Caltrans QA inspector received ZPMC non-destructive test (NDT) NWIT #09288 Item 1 for OBG Segment 13AW, Trial Assembly. This QA Inspector performed verification Magnetic Particle Testing (MT) inspection after

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ZPMC had performed their MT inspection of the following locations;

Item 1; SEG3013AA-029, 031, 033, 035, 037, 039

At the time of the verification it was noted that the above component appeared to be within compliance of the contract documents. See Caltrans Magnetic Particle Test Report (TL6028), dated 05-28-2011 for additional information.

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

**Summary of Conversations:**

“As noted within the contents of this report.”

**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 James Devey 15000026784, who represents the Office of Structural Materials for your project.

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