DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-024564
Date Inspected: 08-Jun-2011

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 1500
OSM Departure Time: 300
Location: Shanghai, China

CWI Name:	Mr. Li Yang ZPMC	**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:**	TA Yard OBG 13 / 14E

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector Robert A. DeArmond was present during the time noted above and conducted observations relative to the work being performed.

TRIAL ASSEMBLY

Magnetic Particle Testing (MT)

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. All components were as listed on NWIT notification no. 09399. The member(s) is/are identified as Lift 13BE and 13CE Rib Stiffener to Floor Beam. The weld designations reviewed are as follows

SEG3011H-067, 071, 075, 079, 083, 087, 091, 095, 099, 103, 107, 111, 115, 119, 123, 127, 131, 135, 148, 150, 155, 156
SEG3011F-066, 071, 076, 081, 086, 091, 096, 101, 106, 111, 116, 121, 126, 131, 136, 141, 146, 151, 156, 158, 162, 1163

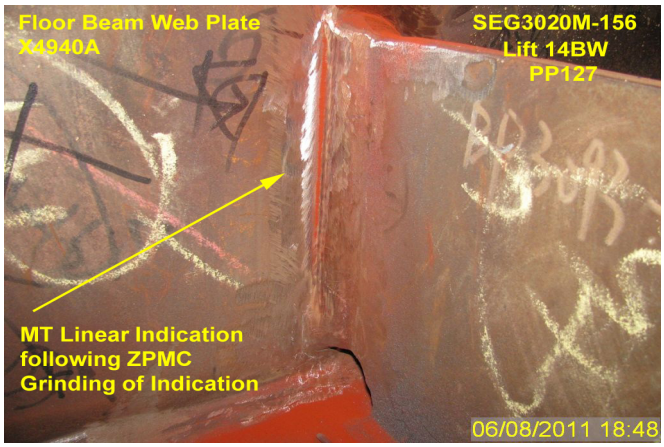
The following Magnetic Particle Testing (MT) was performed per ZPMC Non-Destructive Testing (NDT) notification document 09400:

This QA inspector performed MT of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. The member

is identified as SEG3020M-156.

This QA observed one longitudinal indication in weld identified as SEG3020M-156 that did not appear to comply with the contract documents. This QA informed ZPMC QC identified as Mr. Shi Lei and ABF QA inspector identified as Xu Wen Bling of this issue and that an incident report would be generated concerning this issue. For further details, refer to the incident report issued by this QA on this date and the attached photos

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



Summary of Conversations:

As mentioned above between QA and QC concerning this project

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 Jim Devy 150-002-6784, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By:	DeArmond,Robert	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer