

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023930**Date Inspected:** 22-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) Chanxing 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 13AW, 13AE, 14E**Summary of Items Observed:**

This Caltrans QA inspector received ZPMC non-destructive test (NDT) notification number 09214 from ZPMC for Trial Assembly Yard. This QA inspector performed magnetic particle testing (MT) verification of welds after ZPMC had performed their MT inspection. The segment is identified as 13AW. The weld designations reviewed are as follows.

SEG3013P-084, 166, 167, 171, 172, 176, 177, 181, 182, 185, 186

This Caltrans QA inspector received ZPMC non-destructive test (NDT) notification number 09217 from ZPMC for Trial Assembly Yard. This QA inspector performed ultrasonic testing (UT) verification of welds after ZPMC had performed their UT inspection. The segment is identified as 14E. The weld designations reviewed are as follows.

SEG3019F-025

SEG3019K-006, 007

SEG3019M-003

This Caltrans QA inspector received ZPMC non-destructive test (NDT) notification number 09214 from ZPMC for Trial Assembly Yard. This QA inspector performed magnetic particle testing (MT) verification of welds after ZPMC had performed their MT inspection. The segment is identified as 13AE. The weld designations reviewed are as follows.

WELDING INSPECTION REPORT

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SEG3007S-009, 010, 021, 024, 030~032, 102~127, 146, 150, 154, 158, 162, 186, 205, 206, 208, 209,
213~230

SEG3007U-118~131, 136, 137, 142, 143, 150, 151

FB3107-001-089~092, 094~097

FB3114-001-033, 034, 043, 044

LD3026-001-100, 101, 104~107, 110, 111, 126, 127, 130~133, 136, 137

SEG3007Q-011~013, 100, 101, 114, 115, 163~165, 174~177, 180, 186, 314, 324

DP3079-001-011~015, 051~055, 091~095, 131~135

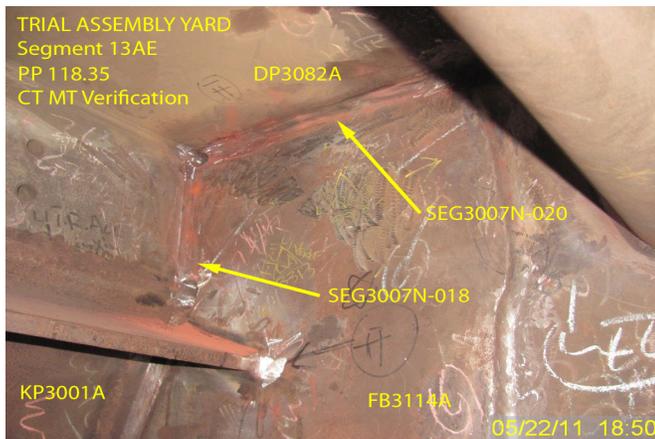
RS3107-002-001

RS3107-001-001

SEG3007N-017~020, 092, 093, 233, 239

SEG3007L-012, 141

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



Summary of Conversations:

No relevant 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 James Devey 15000026784, who represents the Office of Structural Materials for your project.

Inspected By: Combs,Dennis

Quality Assurance Inspector

Reviewed By: Riley,Ken

QA Reviewer