

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-025575**Date Inspected:** 09-Jul-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:** 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:** Trial Assembly Yard OBG 13CW**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 Yard

Magnetic Particle Testing (MT) ZPMC Weld Tracking

This QA inspector observed MT performed by ZPMC of weld joint(s) located on lift 13CW, SEG3014L, PP122.0 Rib Stiffener to Floor Beam and Longitudinal Diaphragm. All components were as listed on NWIT notification no. 09689. Magnetic Particle Testing (MT) performed by ZPMC was canceled due to Longitudinal Linear indications and visual rejects discovered by ZMPC / CT

Magnetic Particle Testing (MT) ZPMC Weld Tracking

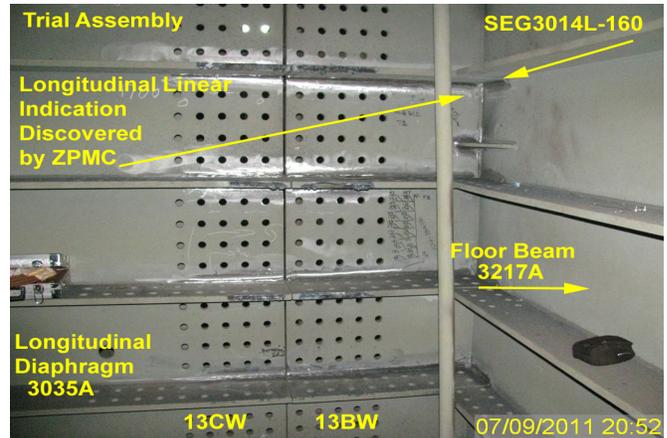
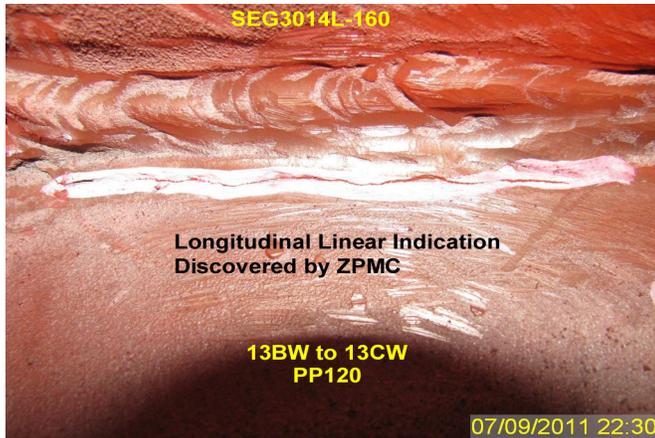
This QA inspector observed MT performed by ZPMC of weld joint(s) located on lift 13CW, SEG3014L, PP122.0 Rib Stiffener to Bottom Plate. All components were as listed on NWIT notification no. 09689.

Magnetic Particle Testing (MT) performed by ZPMC was canceled due to Longitudinal Linear indications and visual rejects discovered by ZMPC / CT

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

WELDING INSPECTION REPORT

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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 Eric Tsang, 150000422372, who represents the Office of Structural Materials for your project.

Inspected By: DeArmond,Robert

Quality Assurance Inspector

Reviewed By: Riley,Ken

QA Reviewer