

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

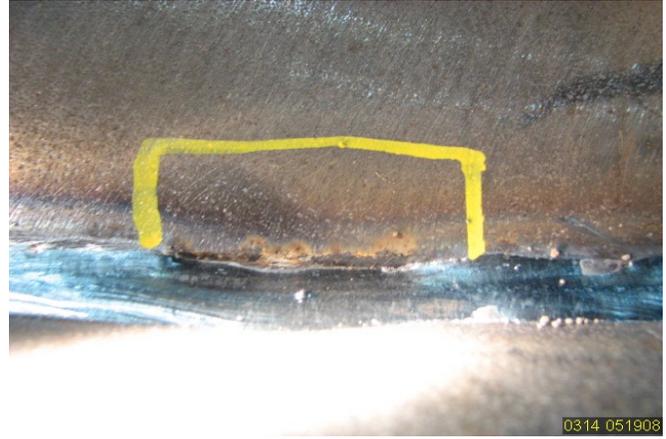
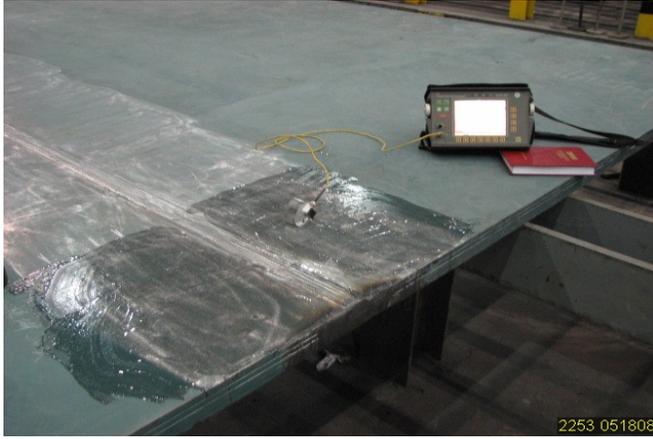
Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002437**Date Inspected:** 18-May-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1930**Prime 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:** Chen Xi**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:** Deck Panels**Summary of Items Observed:**

The Caltrans QA Inspector Mr. David Kelsey performed Visual Testing (VT) on DP246-001 & DP619-001 partial penetration welds 001 thru 010. This inspector marked and measured visual indication such as under-fill, overlap, oversized, undersized and incomplete fusion. Results were recorded on the deck panel inspection form and copies turned into the appropriate personnel and deck panel log book. No other observation took place during the shift by this inspector.

The Caltrans QA Inspector performed Ultrasonic Testing (UT) verification of the QC UT Inspected and accepted welds. This Inspector's visual and UT verification appears to be acceptable with AWS D1.5-02 section 6, table 6.3. Reference QA Ultrasonic Test Report TL-6027 dated 5/18/08 for specific test data.

WELDING INSPECTION REPORT

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Item	Description	WBS	Dwg No.	Status
1	Picture 1 at top left Typical UT examination of tower skin plate CLP weld splice, component SA179 D/E weld 19			
2	Picture 2 at top right Visual testing of Deck plate DP246-001 with a typical incomplete fusion indication on weld toe.			

Summary of Conversations:

None noted.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Kelsey,David	Quality Assurance Inspector
Reviewed By:	Cochran,Jim	QA Reviewer
