

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.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000171**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 20-Jun-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 2

Item	Title	Detail
1	Major component movement	<p>QA observed welding of the following PQR: HP2007143-1, 1G SMAW (E9018) on HPS 485W material, welding is in progress HP2007144, 3G SMAW (E9018) on HPS 485W material, welding is in progress</p> <p>QA observed Moody International conducting the following welder qualifications: 18 FCAW welded - 9 accepted by Moody = 50% acceptance rate 19 SMAW welded - 7 accepted by Moody = 36.9% acceptance rate 2 SAW welded - 1 accepted by Moody = 50% acceptance rate The test plates still require both RT and mechanical testing</p>
2	Meetings attended	<p>QA met with ABF at 0900 to discuss the activities for the day. ABF informed QA that ZPMC intends to continue welding PQRs HP2007143 and HP2007144. Welder qualifications will continue today. At 1300 ZPMC is scheduled to demonstrate their closed-rib UT procedure again.</p> <p>Caltrans met with ABF and ZPMC to continue discussions of changes to the Deck Plate Mock-up Fabrication Procedures. It was agreed that after all the changes were agreed upon, that ABF and Caltrans would generate a "red-line" version of the procedures to utilize on the shop floor. The group also discussed the "Road to Fabrication" of the Deck Plate Mock-up.</p>
3	Other important observations	<p>QA and ABF observed a demonstration of ZPMC closed-rib UT procedure. ZPMC's Level III Steven Kang performed the calibration using four welded closed-rib samples with EDM notches at 10, 20, 30 and 40% depths. A technician along with Mr. Kang proceeded to test three areas approximately 3 feet long each that had the paint removed with a wire wheel. They identified areas with measurable LOP. ABF selected an area with measurable LOP and asked Mr. Kang to scribe lines at UT measured LOP for verification by destructive testing. QA verified that ABF, ZPMC and</p>

