

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-000223**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 09-Aug-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	QA observed welding of the following PQRs: HP2007153-1, 1G SAW (JW-3+JW-B) on HPS 485W, welding is in progress HP2007149-1 3G SMAW (E7018) on HPS 485W, testing stopped due to technique
2	Meetings attended	QA met with ABF and ZPMC at 1500 to discuss the schedule for tomorrow. Tomorrow: Continue welding of PQR HP2007153-1. Welding of PQR HP2007149-1 will not be conducted until a root pass with acceptable technique is successfully demonstrated to ABF. Moody International will conduct 10 GMAW tack welder qualifications starting at 10am. Blast and Paint 6 plates for 77m Mock-up, 13 plates for 89m Mock-up, and 2 plates for 114m Mock-up. Machine Bevels on 18 plates for 114m Mock-up. Trim and Mechanically straighten 8 plates for 89m Mock-up, and 4 plates for 114m Mock-up. Heat Straighten 2 plates for 77m Mock-up, 2 plates for 89m Mock-up, and 4 plates for 114m Mock-up. Mechanically Straighten 2 plates for 77m Mock-up, 9 plates for 89m Mock-up, and 12 plates for 114m Mock-up. Also discussed was PQR HP2007149-1, on-site submittal process, 77m mock-up and 114m mock-up (see conversations)
3	Key conversations	Conversations from 1500 meeting: ZPMC is requesting the electrode manufacturer to lower their recommendations for the amperage. ABF insisted that any changes must come for the technical department and not a sales representative. ABF asked if they needed to submit un-welded plates that exceed the contract heat straightening tolerances to Caltrans prior to straightening. Caltrans responded this could probably be handled during the 1500

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meetings.

ABF stated there was confusion between ABF and ZPMC regarding the status of the WQCP and WPS's. This has been resolved and ZPMC would like to begin the 77m tower mock-up tomorrow. ZPMC stated they were unsure if they would be having a day and night shift tomorrow and over the weekend.

ZPMC stated they would not begin the 114m mock-up on Sunday since the Fabrication Procedures are not approved.

4	Other important observations	The Department performed the Audit of the ZPMC, Changxing Island facility.
5	Quality Assurance Inspectors per shift	3 AM (Acuna, Cuellar, Franco) 0 PM
6	Logistics	ABF informed QA the ZPMC would not begin tack welding on the 77m (3B) Tower Mock-up today, but would begin tomorrow.

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer