

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-000187**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 03-Jul-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: HP2007149, 3G SMAW (THJ506Fe-1 E7018-1) on 485W material, welding is in progress. HP2007148, 1G SMAW (THJ506Fe-1 E7018-1) on 485W material, welding is in progress.</p> <p>QA observed Moody International performing side bend testing on welder qualification test plates.</p>
2	Meetings attended	<p>QA met with ABF at 0900 to discuss the activities for the day. ABF informed QA that ZPMC will continue welding PQR HP2007149 and HP2007148. QA informed ABF and ZPMC that the E7018 electrodes being used did not have the H designator required by the Special Provisions, and that they were proceeding at their own risk. ZPMC stated that the manufacturer would provide the required documentation. Closed-rib bending is schedule for today. ZPMC informed QA that they planed to have the land of the closed-rib weld square to the rib plate rather than being beveled. ABF asked if QA had any concerns about the bevel surface finish. QA state that ZPMC did not present QA with a surface finish comparator to check the 25 finish detailed in the fabrication procedures. ZPMC stated they would provide a gauge. ZPMC is scheduling to perform the MT on the closed-ribs tomorrow. ABF requested ZPMC to provide paint certifications on the primer coat of the received plate. ZPMC stated they would begin side-bend testing of welder qualification test plates at 10 am.</p>
3	Other important observations	<p>ABF and QA observed ZPMC performing the closed-rib bending demonstration. After the initial bend ZPMC began using hand held jacks to correct the width of the closed-ribs. QA observed the jacking was not addressed in their Fabrication Procedures. After discussion with ABF, ZPMC bent another rib and performed the dimensional checks without any additional bending. The rib did not meet the dimensional tolerances detailed in ZPMC's Fabrication Procedures. ZPMC stated they had</p>

