

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-000101**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 27-Mar-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 1

Item	Title	Detail
1	Major component movement	ZPMC cancelled PQR welding scheduled for today.
2	Key conversations	ABF representative David McQuaid informed QA that, since ZPMC decided not to use Lincoln Electric Co. electrodes for performing the U-rib welding, Lincoln was not providing ZPMC with the research data and parameters they had spent several months developing for the U-rib welding. ZPMC will essential have to develop their welding procedures from the ground up.
3	Other important observations	QA, Welding Engineer Jim Merrill and ABF representative David McQuaid went to the U-rib Gantry. GMAW heads are in-place and 3 practice panels have been welded. Welds exhibit poor profiles and melt-through. Mr. McQuaid estimates another at least another 3 weeks of internal trials before ZPMC begins producing acceptable welds. QA observed machining of mechanical test specimen for 1G SAW (JF-B+JW-3) 26mm A709 grade 345, HP-200748 at the Shan Xun Machine Shop.
4	Quality Assurance Inspectors per shift	3 AM 0 PM
5	Logistics	ZPMC Quality Control informed QA that welding of the SMAW 9018 electrodes on the A709 HPS 485W material was postponed. ZPMC intends to submit an RFI to allow the PQR's to be welded on 26mm plate rather than 75mm plate.

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer