

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-000191**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 11-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: HP2007247-2, 4G FCAW using Supercored 71H, welding is complete</p> <p>QA observed mechanical testing of the following PQRs: HP2007143-1, 1G SMAW (E9018) on HPS 485W material HP2007370, 1G GMAW</p> <p>The mechanical testing appeared to comply with the contract documents.</p> <p>QA observed Moody International conducting the following welder qualifications: 32 FCAW welded - 16 accepted by Moody = 50% acceptance rate 22 SMAW welded - 11 accepted by Moody = 50% acceptance rate 5 SAW welded - 2 accepted by Moody = 40% acceptance rate The test plates still require both RT and mechanical testing</p>
2	Meetings attended	<p>QA met with ABF at 1500 to discuss the schedule for tomorrow. ZPMC was not present due to other comments related to the revision of the WQCP. The schedule for tomorrow included the following: Welding of fillet weld PQRs HP2007250, HP2007150, HP2007151, HP2007152, and HP2007226-1 Continuation of welder qualification testing Continue cutting material for the 77 meter tower mock-up RT film for 1 PQR</p> <p>Also, ABF confirmed the 0900 "Pre-audit" Meeting</p>
3	Key conversations	<p>QA observed a conversation between ABF representative Warren Buehler and Moody International CWI Zhou Daqing regarding the visual inspection of the welder qualification plates. Mr. Buehler appeared to believe that Mr. Zhou was rejecting some of the welder qualification test plates for reasons other than those specified in AWS D1.5 code. Mr. Buehler requested a meeting between ABF and the Moody International Inspectors to resolve the conflict.</p>

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4	Other important observations	QA observed the following number of personnel performing work on the ABF closed-rib and tower mock-ups including welders, ZPMC QC and ABF Representatives: Closed-rib: 28 Tower Mock-ups: 40 (including ABF surveyors)
5	Quality Assurance Inspectors per shift	3 AM (Acuna, Berger, Cuellar) 0 PM

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer
