

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-000196**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 16-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: HP2007144-1, 3G SMAW (E9018) on HPS 485W, welding is in progress</p> <p>QA observed fillet weld macro etch specimen of the following PQRs: HP2007250, HP2007150, HP2007151, HP2007152, HP2007226-1 and HP2007248-1</p> <p>The macro etch of HP2007248-1 was rejected by ZPMC. The remaining macro etches appear to comply with the contract requirements.</p>
2	Meetings attended	<p>QA met with ABF at 1500 to discuss the schedule for tomorrow.</p> <p>The schedule for tomorrow included the following: Continuation of welding PQR HP2007144-1 Continue cutting material for the 77 meter tower mock-up and begin cutting 89 meter tower mock-up Begin material verification for additional production material</p> <p>ZPMC informed ABF and QA that they intend to blast and apply shop primer to the cut material for the Caltrans Tower Mock-ups during their night shift and asked if QA would like to be present. QA responded that they would like to receive advance notice (24 hours or greater) to allow QA to the option of scheduling an inspector to attend.</p> <p>ZPMC raised concerns regarding the GMAW procedures they have qualified for welding the root pass of the Closed-rib to Deck PJP weld. There is a question as to whether the welding was performed in the "globular" or "spray" transfer mode. (The Special Provisions require spray transfer mode.) ABF scheduled a meeting for Wednesday, July 18th with Caltrans to discuss the matter.</p>
3	Other important observations	<p>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:</p>

