

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-000189**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 09-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: HP2007148, 1G SMAW (THJ506Fe-1 E7018-1) on 485W material, welding is complete. HP2007249, 4G SMAW (THJ506Fe-1 E7018-1) on 485W material, welding is in progress. HP2007247-1, 4G FCAW using Supercored 71H, welding is in progress</p> <p>QA observed cutting of material for the 77 meter tower mock-up.</p> <p>QA observed Moody International conducting the following welder qualifications: 24 FCAW welded - 7 accepted by Moody = 29% acceptance rate 12 SMAW welded - 7 accepted by Moody = 58% acceptance rate 4 SAW welded - 3 accepted by Moody = 75% 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 activities for tomorrow. The schedule for tomorrow included the following: Welding PQRs HP2007249 and HP2007247-1 Start PQRs HP2007145 and HP2007146 Continuation of welder qualification testing Continue cutting material for the 77 meter tower mock-up</p> <p>ABF Fabrication Manager Dave Williams stated he would be leaving China next week, and that Nate Lindell and Peter Ferguson would be performing his duties. ZPMC will present QA with another 100 production material plates some time next week. ZPMC requested that QA and ABF observed the set-up of the RT in Shanghai on Wednesday. He stated that the actual RT would be performed at a later time. Caltrans welding engineer Jim Merrill stated that this would</p>

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not be acceptable due to the issue QA had previously observed with RT being performed differently if QA was not present. Mr. Merrill also stated that the issues with the film processing and safety should be addressed and verified by ABF prior to requesting QA presence. ZPMC was unsure of how long it would take to bring the RT facility into compliance.

3 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: 20

Tower Mock-ups: 6

4 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
