

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000552**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 13-Dec-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Major component movement	<p>OBG Production: Welding floorbeams, Tack welding T-Stiffeners to OBG Skin Plates.</p> <p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Installing double plates.</p> <p>114m Tower Mock-up: QC and QA performing UT of Interior Splice Plates, Welding Skin Plate to Skin Plate corner welds.</p> <p>Closed-rib Weld Trial: ABF evaluating macro-etch samples from Weld Joints 3 through 10. ZPMC cutting and polishing samples from Weld Joints 1 and 2.</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>ZPMC introduced Mr. Zhou Rong Hua as the Safety Officer for this Project. Mr. Zhou explained that all of the Safety Officers in the work shop are identified by dark blue uniforms with green military style hardhats. The safety department is currently preparing bi-lingual safety signs that will be posted in each bay. Mr. Zhou is available at 27406493, however he does not speak English.</p> <p>ZPMC confirmed the Dimensional Verification meeting at 10am tomorrow in room 415.</p> <p>ZPMC discussed their methods for identifying radiation boundaries during RT testing.</p> <p>ZPMC informed Caltrans that they have put hold tags on the HPS485W</p>

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material that does not meet the Charpy-V Notch impact test requirements. Caltrans brought up that ASTM A709 requires Charpy test from both ends of the plate for quenched and tempered steels. Caltrans also reminded ABF and ZPMC that the tempering temperature is required to be stated on the MTR's.

ZPMC has cut the samples from Weld Joints 1 and 2 from the Closed-rib Weld Trial. These are currently at ZPMC's lab being saw cut and polished. ZPMC has completed UT of 89m Tower Mock-up Skin Plate E stiffeners and found no defects. Skin Plate A has not had UT performed due to pending Heat Straightening.

Caltrans gave ABF written confirmation of the material receiving procedures.

Caltrans asked about the status of the UT procedure. ABF confirmed the written procedure has been drafted and commented on. ZPMC is currently preparing additional samples at the 3 to 4mm LOP range. ABF estimates the procedure will be ready by the end of next week. ZPMC currently has 3 UT technicians trained to this procedure.

ABF and Caltrans asked why the night shift had been cancelled last night. ZPMC informed the group that last night was spent on weld preparation for the 114m Tower Mock-up and that no welding was performed.

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
