

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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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-000382**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 25-Oct-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 21**HSR's:** 0 / 7**NCR's:** 0 / 11

Item	Title	Detail
1	Major component movement	<p>OBG Production: ZPMC began cutting the first material for the OBG (floor beam webs).</p> <p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding upper and lower skin plate C butt weld, Welding stiffener plate butt splices, Welding internal corner splice plate.</p> <p>114m Tower Mock-up: No welding observed.</p> <p>Closed-rib Weld Trial: ABF and ZPMC conducting internal trials.</p>
2	Other important observations	Caltrans observed mechanical testing of the UT Closed-rib PJP procedure initial proof sample. Based upon initial observations of the samples, the ZPMC's proposed UT procedure does not appear to meet the required +/- 0.2mm accuracy requirement. The accuracy of the UT was 1.0mm or greater. The current parallel path approach under development by Caltrans showed accuracy of 0 to 0.4mm with a standard deviation of 0.2mm on the same samples.
3	Quality Assurance Inspectors per shift	<p>5 Day Shift (Acuna, Hasler, Hernandez, McClendon, Viars)</p> <p>4 Swing Shift (Berger, Dixon, Franco, Smith)</p>

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer