

**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-000381**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 26-Oct-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 21**HSR's:** 2 / 9**NCR's:** 0 / 11

Item	Title	Detail
1	Heat Straightening Requests (HSRs)	HSR-009 77m Tower Mock-up diaphragm Flange (upper) HSR-010 77m Tower Mock-up diaphragm Flange (lower)
2	Major component movement	OBG Production: Continue cutting floor beams and W beams.  77m Tower Mock-up: Performing HSR on diaphragm flanges.  89m Tower Mock-up: Welding upper and lower skin plate C butt weld, Welding stiffener plate butt splices, Welding internal corner splice plate.  114m Tower Mock-up: No welding observed.  Closed-rib Weld Trial: ABF and ZPMC conducting internal trials.
3	Meetings attended	Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days. Issues: ZPMC stated have installed additional lighting in the material storage area and would like to continue material inspection until 10pm today and this weekend. Caltrans responded that this would be allowed as long as the QA inspector receiving the material determined the lighting sufficient for safe work. ZPMC informed Caltrans that they have submitted an RFI to waive the RT requirement for member that would require testing with a Cobalt 60 radioactive source due to issues with performing such testing on the island. ABF asked for clarification on RFI 343 revision 0 regarding bolt

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## DAILY PROJECT JOURNAL

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substitution on the Tower Mock-ups related to height. Caltrans responded that the comments on the RFI were to ensure the mock-ups would verify there were no clearance issues.

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4 Key conversations

Caltrans Level III David McClary met with ABF Level III Steve Lawton and reviewed the mechanical tests of the UT Closed-rib PJP procedure initial proof sample and agreed upon the results. Both agreed that ZPMC's proposed UT procedure does not appear to meet the required +/- 0.2mm accuracy requirement (greater than 1.0mm average). QA and ABF discussed paths going forward and agreed to meet with ZPMC Level III Steven Kang next week in an attempt to persuade him to take the amplitude based approach under development by Caltrans that has shown accuracy greater accuracy.

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5 Quality Assurance Inspectors per shift

6 Day Shift (Acuna, Brannon, Hasler, Hernandez, McClendon, Viars)  
4 Swing Shift (Berger, Dixon, Franco, Smith)

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**Inspected By:** McClary, David

Quality Assurance Inspector

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**Reviewed By:** Lowry, Patrick

QA Reviewer