

**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 #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000377**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 15-Oct-2007**Location:** Shanghai, China - Changxing Island**Submittals(New / Total):****CWR's:** 0 / 21**HSR's:** 0 / 6**NCR's:** 1 / 11

Item	Title	Detail
1	Quality Assurance Inspectors per shift	<p>Day Shift QA Personnel, Tower and OBG Mockup- Larry Viars, Alfredo Acuna, Sherry Brannon and Charles Franco.</p> <p>Day Shift QA Personnel- SIIST Testing Lab for NIST Charpy Samples- Dan Hernandez and Roscoe Dixon.</p> <p>Swing Shift QA Personnel- Mike Hasler and David Smith.</p> <p>Night Shift- Operations for night shift currently suspended by ZPMC.</p> <p>Caltrans OSM Representatives- Dave McClary, Ady Velasco, Robert Cuellar, John Kinsey and Patrick Lowry.</p> <p>Caltrans Structures Construction Representatives- Pete Siehgenthaler, Jason Tom, David Liu, Alistair Melville, Sean Eager and Keith Devonport.</p>
2	Major component movement	<p>Tower Mock Up- ZPMC personnel are currently working on fitting various diaphragm plates to diaphragm plate rings. The average root openings observed and recorded by the attending Caltrans on-site QA personnel was 0 to 7mm.</p> <p>OBG Closed Rib Weld Trials- Caltrans on-site QA Inspectors performed dimensional verification of the U-Ribs Partial Joint Penetration (PJP) weld joint. The identified panel consists of a total of five (5) U-Closed Ribs that measure ten (10) meters in length. The dimensional verifications completed by the on-site Caltrans QA Inspectors consisted of measuring; PJP groove angle and root face.</p> <p>Plate Verification: ZPMC Batch number 22 is currently being reviewed and verified by Caltrans QA OSM Inspector. On this date, a total of fourteen (14) out of forty-four (44) plates have been physically verified. The continuation of plate verification of ZPMC batch 22 is schedule to continue on Tuesday, October 16, 2007.</p>

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3	Nonconformance Reports (NCRs)	NCR issued on this date on ZPMC for the welding of six (6) Tower Strut Flanges utilizing an under matching welding electrode. In accordance with project requirements, an over matching electrode is required. This NCR was generated by Caltrans QA Inspector Charlie Franco.
4	Logistics	ABF QA Representative Jeff Evans notified Caltrans QA that the bending of the Tower Mock-Up Diaphragm Plate Flanges are schedule for tomorrow at Wuxi Boiler.
5	Other important observations	On this date, on-site Caltrans QA Inspectors observed that ZPMC Non-Destructive Testing (NDT), Magnetic Testing (MT) personnel, is currently using a different testing particle. The new MT particle is "grayish" in color
6	Key conversations	ABF QC Representative Danny McDonald requested Caltrans QA to complete visual verification of a total of fifty-five (55) WQTR side bends.

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**Inspected By:** Cochran,Jim

Quality Assurance Inspector

**Reviewed By:** McClary,David

QA Reviewer

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