

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.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000054**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 29-Jan-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 1

Item	Title	Detail
1	Major component movement	No Welding or Mechanical testing took place on this date.
2	Key conversations	<p>ABF Engineer Craig Knops informed Caltrans Quality Assurance (QA) that ZPMC was scheduled to resume welder qualifications at the beginning of February. ABF is questioning the acceptability of the welder qualifications already conducted by ZPMC. This is to be addressed when ABF Quality Control Manager (QCM) Jim Bowers arrives on February 1st.</p> <p>Mr. Knops informed QA that they are requiring ZPMC to mark all of the steel plates for use on this project with the Job Number, Heat Number and Plate Number in addition to the mill markings already on the plate.</p> <p>Mr. Knops stated that ABF and ZPMC were looking into an alternative Submerged Arc Welding (SAW) electrode. Mr. Knops stated the current electrode has marginal impact properties as evidence by testing, the Minimum HI PQR failed impact tests, the non-standard FCAW/SAW on ceramic backing failed impact tests and the Maximum HI PQR passed impact testing with an average after dropping the high and low of approximately 36 Joules at -30 degrees Celsius (minimum requirement of 34J at -30C).</p> <p>QA spoke with Mr. Knops and ZPMC Quality Control Engineer Mr. Liu Jian Hua about Caltrans beginning verification of materials for the Caltrans mock-ups. Mr. Lu stated he would check on the material and let QA know when the material is ready for verification.</p>
3	Other important observations	Mr. Knops informed QA that the area previously shown to QA as being the location of the New Fabrication Facility is actually not where ZPMC plans to fabricate the bridge. QA and ABF representatives Craig Knops and Ed Parks traveled to the area where ZPMC does intend to fabricate the bridge. Mr. Parks had a set of plans detailing the layout of the facilities currently being built. QA observed on-going pile driving operations in preparation

