

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.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000013**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 08-Nov-2006**Location:** Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 0

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	N/A
2	Heat Straightening Requests (HSRs)	N/A
3	Nonconformance Reports (NCRs)	N/A
4	Major component movement	Began 3G FCAW Minimum Heat Input PQR as part of Max ? Min Qualification. Test suspended due to small range of qualified parameters.
5	Meetings attended	N/A
6	Key conversations	QA Bruce Berger and ABF Craig Knops spoke with ZMPC Liu Liu regarding parameters used to weld the Minimum Heat Input test plate. The parameters actually measured during the test would have resulted in a finished WPS that had a more restricted range than that qualified by the Max Heat Input alone. Mr. Liu Liu understood and decided to suspend the test and practice that night welding parameters that would produce a larger range of qualified variables for writing the WPS.
7	Other important observations	Witnessed machining of sample PQR at Shan Xun Machine Shop. The purpose of the observations was to verify that Shan Xun Machine Co., along with ZPMC's QC personnel properly prepared and maintained traceability of the test samples for a trial PQR test plate. This was to fulfill the agreement between Caltrans, ABF and ZPMC for allowing Shan Xun Machine Co. to perform the machining of PQR samples without undergoing a Caltrans audit. The practices appeared adequate for ensuring traceability and producing conforming samples.
8	Quality Assurance Inspectors per shift	2 AM 0 PM

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer