

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-000218**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 07-Aug-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 2

Item	Title	Detail
1	Major component movement	QA completed the visual verification of the 92 production plates and 4 plates for the U-rib trials and mock-ups. QA began reviewing the MTRs for the 92 production and 4 mock-up plates. QA observed that the MTRs did not have the required fine grain practice and through property thickness requirements stated on the documents. QA observed low Vanadium content on 11 plates. (see conversations)
2	Key conversations	ABF representative Steve Lawton spoke with QA regarding the failed side bend and macro-etch specimen of PQR HP2007149. Mr. Lawton stated that ABF welding engineer Craig Knops thought the failures were caused by improper removal of the backing bar rather than cracks or lack of fusion, and they would like to perform additional samples. After discussion with the on-site Caltrans Engineers, QA informed Mr. Lawton that the Department was rejecting the PQR. QA spoke with ABF Quality Control Dustin Brungardt regarding the Vanadium content on the test reports. Mr. Brungardt stated that he had checked this before, but could not recall the outcome. Mr. Brungardt stated he would review his notes and get back with QA.
3	Quality Assurance Inspectors per shift	2 AM (Acuna, Berger) 0 PM
4	Logistics	ABF representative Steve Lawton informed QA that ZPMC would not be starting the 77m Tower Mock-up tomorrow. He stated ZPMC was incorporating the "approved-as-noted" revisions to the WQCP and were also preparing the weld maps.

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer