

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-000215**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 06-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	<p>QA continued to visually verify the 92 production plates.</p> <p>QA observed mechanical testing of the following PQR test plates: HP2007144-1, 3G SMAW (E9018) on HPS 485W, appeared to comply. HP2007147-1, 1G SAW (MIL800-HPNi+LA85) on HPS 485W, appeared to comply. HP2007148, 1G SMAW (THJ506Fe-1 E7018-1) on 485W, appeared to comply. HP2007149, 4G SMAW (THJ506Fe-1 E7018-1) on 485W, crack in root on macro-etch and side bends. HP2007153, 1G SAW (JF-B+JW-3) on HPS 485W, weld metal CVN tests failed. HP2007249-2, 4F FCAW (Supercored 71H), appeared to comply.</p>
2	Key conversations	QA spoke with ABF representatives Craig Knops and Steve Lawton regarding the cracks observed during the mechanical testing of PQR HP2007149. ABF stated they would look at the samples to determine a course of action.
3	Other important observations	ZPMC brought the samples from the closed-rib bending demonstration to QA. The samples had been torch cut rather than saw cut. ZPMC appeared to think that these samples were to be delivered to the QA lab in China, similar to the steel check samples. QA explained to ABF and ZPMC that these samples were to be macro-etched on site in the cross-sectional area of the bend.
4	Quality Assurance Inspectors per shift	3 AM (Acuna, Berger, Cuellar) 0 PM

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer