

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-000019**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 15-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	Conducted Mechanical Tests on the following PQR: 3G FCAW Min HI (HP-2006106) ? initial testing all passed (Charpy impact at FCM (SPCM) temperature) 1F SAW Fillet Soundness (HP-2006114) ? sample etched, ZPMC did not measure ? will size tomorrow
5	Meetings attended	N/A
6	Key conversations	Caltrans explained to ZPMC Testing Center Director Mr. Liu Liu that typically the macro-etch specimen should also be scribed at the planar intersection points of the weld and measured for size to determine the maximum single pass and minimum multiple pass fillet weld qualified. ZPMC's Project Manager Mr. Chen Bin informed Caltrans that, since they did not get range of parameters qualified for the FCAW they wanted, they intend to switch to a different FCAW electrode (Hyundai Supercored 71H). Mr. Bin stated they would practice with the new wire during the week of November 20th through 24th and would like to begin testing of the new PQR's starting on November 28th. Mr. Bin also stated they should have the HPS 485 material by the end of November and would like to begin qualification of PQR's using this material after the PQR's for A709 gr. 345 are complete.
7	Other important observations	N/A
8	Quality Assurance Inspectors per shift	2 AM 0 PM
9	Logistics	New shop facilities still under construction. No structures have been built at this time.

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Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer