

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-000017**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 13-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	Welded 1G GMAW PQR to qualify root pass of closed-rib to deck weld. Conducted Mechanical Tests on the following PQR's 1G SAW Min HI (HP-2006102) ? one side bend specimen failed ? ZPMC to prepare 2 retest samples 1G FCAW Max HI (HP-2006103) ? Charpy retested failed ? ZPMC to prepare more samples and test at non-FCM temp. 1G FCAW Min HI (HP-2006104) ? AWMT failed elongation (6%), on side bend specimen failed ? ZPMC to prepare 2 AWMT and 2 side bends for retest
5	Meetings attended	N/A
6	Key conversations	Informed by ZPMC's Mr. Chen Bin that Procedure Qualification (PQR) tests for non-standard joints against ceramic backing are suspended until mechanical testing of FCAW electrodes are complete. ZPMC is considering alternate FCAW electrodes for the ceramic backing and FCM (SPCM) applications. ZPMC intends to prepare two sets of Charpy-V notch specimens for it Max and Min HI 3G FCAW PQR's currently being machined in order to test at both FCM and non-FCM impact requirements.
7	Other important observations	
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