

**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-000003**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 01-Nov-2006**Location:** Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 0

Item	Title	Detail
1	Major component movement	Scheduled to begin Maximum Heat Input PQR's for 1G SAW and 1G FCAW as beginning of Max-Min Qualification. 1G SAW electrode ASTM compliance in question. No testing performed due to technical issues with welding. 1G FCAW PQR started (welded manually) welding suspended after recorded parameters falling well outside 10/10/7 limitations.
2	Meetings attended	Conducted pre-meeting regarding welding of PQR's. Jim Merrill suggested the contractor use an automated system for FCAW welding. Contractor elected not to utilize automated equipment for FCAW.
3	Key conversations	SAW Electrode does not specify ASTM A5.17 compliance. Contractor to address with electrode manufacture with possible RFI. Contractor decided to proceed at own risk.  Jim Merrill explained requirements of 10/10/7 criteria in Sec. 8-3 to ZPMC Mr. Leu Leu and ABF Mr. Craig Knops. All parties understood the criteria.
4	Other important observations	ZPMC to conduct both tests tomorrow. 1G SAW to utilize 20mm backing rather than 10mm to prevent melt-through. 1G FCAW to utilize automated welding machine.
5	Logistics	No office space on island; reports must be generated at hotel.
6	Quality Assurance Inspectors per shift	2 AM 0 PM

**Inspected By:** McClary, David

Quality Assurance Inspector

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# DAILY PROJECT JOURNAL

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**Reviewed By:** Lowry,Patrick

QA Reviewer