

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-000021**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 06-Dec-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	Informed by ZPMC the RT film for PQR 1G GMAW PQR (HP-2006119-2) was unacceptable due to porosity. ZPMC conducted internal 1G FCAW trials in an attempt to eliminate the lack of fusion problems being encountered in the PQR testing. RT film of the trials still shows lack of fusion.
2	Meetings attended	Meeting between ZPMC, ABF and Caltrans to discuss OBG Fabrication Procedures and Mock-up requirements. Attended by Caltrans Representatives: Jim Merrill, Patrick Lowry and Keith Devonport.
3	Key conversations	QA spoke with ZPMC QC Manager Lu Jian Hua regarding a dark linear indication on the 1G FCAW trial RT film. ZPMC QC appears to believe the indication is from the weld cap. QA suggested that they grind the cap and RT again. ZPMC did so and discovered the indication was still present, indicating it is from lack of fusion. ZPMC to perform macro-etch to determine location and conduct additional trials.
4	Logistics	The new shop facilities are still under construction.
5	Quality Assurance Inspectors per shift	2 AM 0 PM

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer