

**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-000086**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 12-Mar-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 1

Item	Title	Detail
1	Major component movement	<p>Caltrans Quality Assurance (QA) reviewed Radiographic Testing (RT) film for Procedure Qualification (PQR) test plate for 1G FCAW with ceramic backing, HP-200710.</p> <p>Caltrans Quality Assurance (QA) witnessed welding of the following Procedure Qualification (PQR) test plates: 1G FCAW/SAW (Supercored 71H FCAW electrode with new SAW electrode) with ceramic backing on 60mm plate for HP-200711 - welding is complete (PQR started on 3-9-07). 1G FCAW/SAW (TW-111 FCAW electrode with new SAW electrode) with ceramic backing on 60mm plate for HP-200712 - the FCAW root pass blew through, ZPMC rescheduled the testing for tomorrow to allow them time to adjust the parameters or technique as necessary</p>
2	Key conversations	ABF representative Jeff Evans and ZPMC Quality Control Engineer Lu Jian Hua spoke with Caltrans Quality Assurance (QA) about the fine grain practice requirements on fracture critical materials (FCM) required for seismic performance critical members (SPCM). QA pointed out AWS D1.5, Sections 12.4.2 and 12.4.3 regarding killed fine grain practice and prohibition of mill weld repairs of material to be used for (FCM/SPCM).
3	Quality Assurance Inspectors per shift	3 AM 0 PM

**Inspected By:** McClary,David

Quality Assurance Inspector

**Reviewed By:** Lowry,Patrick

QA Reviewer