

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-000080**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 05-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) observed mechanical testing on the following Procedure Qualification Test Plates: 1G FCAW PQR HP-200706 3G FCAW PQR HP-200709</p> <p>QA observed side bend tests on the welder qualification tests performed on the first two test days. The third day's samples are still being cut and machined.</p> <p>QA reviewed the Radiographic Testing (RT) film for the 15 welder qualification plates performed on Friday, March 2, 2007. QA reviewed the Radiographic Testing (RT) film for Procedure Qualification Test Plate HP-200709.</p> <p>QA witnessed the continuation of welding on 1G SAW Minimum Heat Input Procedure Qualification Test Plate PQR HP-200707. The plate is approximately 95% complete.</p>
2	Key conversations	<p>ZPMC Quality Control Engineer Lu Jian Hua delivered Caltrans Quality Assurance (QA) a new Procedure Qualification (PQR) schedule which includes the SMAW testing for welding A709 HPS 485W material. The proposed testing listed 26mm thick plate for these procedure. QA spoke with Mr. Lu and ABF representative Jeff Evans regarding the thickness required. The Special Provisions require PQRs for A709 HPS 485W material to be performed on the maximum thickness to be welded in production. Since SMAW will be used mainly for repairs, welding of backgouged joints and minimal out of position welding (other than flat), ZPMC intends to submit a Request for Information (RFI) to allow them to perform the qualification on the 26mm material proposed, rather than 75mm which will be the maximum production thickness.</p>

