

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-000094**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 20-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>QA witnessed welding of the following PQR test plate: 1G SAW (LA85+MIL800-HPNi) 26mm A709 grade 345, HP-200746-1, welding is complete</p> <p>QA reviewed RT Film on the following PQR test plate: 1G SAW (LA85+MIL800-HPNi) 26mm A709 grade 345, HP-200746, rejected by ZPMC for porosity</p> <p>QA received the MTRs for 9 plates for the Caltrans Mock-ups. During verification 1 plate was not accepted by ABF due to inconsistencies with the heat number stamping. Total weight verified: 27,401 kg</p>
2	Key conversations	<p>ABF representative Warren Buehler and ZPMC Quality Control Fu Yu Hong provided a list of 8 plates previously verified for the Caltrans Mock-ups. Mr. Fu stated they would like to begin blasting, painting and cutting. QA informed ABF that he would need to check on the status of the WQCP, Fabrication Procedures and Drawings to ensure there would not be an issues, and asked when ZPMC intended to begin these operations. Mr. Fu informed QA that ZPMC would begin blasting and painting on Thursday, March 22, 2007 and cutting on Saturday, March 24, 2007.</p> <p>QA spoke with ABF representative Craig Knops regarding technique issues observed by QA during the review of the RT film for HP-200746. QA informed Mr. Knops it was apparent, from matching the porosity common to the two film views, that ZPMC is not matching the station markers on the film and plate correctly. By observing the station markers, it would appear that ZPMC overlapped the two film approximately 30mm. However, by matching the porosity it appears the ZPMC overlapped the two film approximately 120mm. Mr. Knops explained to ZPMC the need for properly apply the station markers to ensure proper indexing and coverage of the weld.</p>

