

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-000042**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 12-Jan-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 0

Item	Title	Detail
1	Major component movement	<p>Review RT film for PQR's HP-2006131 and HP-2006129. QA observed the following film quality issues:</p> <p>All film - it appears they are using film side IQI (Image Quality Indicators) HP-2006131</p> <p>Essential Hole not visible on IQI (non-conforming image quality) and density incorrect</p> <p>Density on one of the two IQI's per film is unacceptable</p> <p>Conducted welding of the following PQR test plates:</p> <p>1G Gas Metal Arc Welding (GMAW) procedure identified as HP-2006136 on 26mm A709-345 (standard joint). Welding is complete.</p> <p>1G Submerged Arc Welding (SAW) procedure identified as HP-2006137 on 26mm A709-345 (standard joint). Welding is complete.</p> <p>1F Submerged Arc Welding (SAW) procedure identified as HP-2006138 on 26mm A709-345 fillet welds. Welding is not complete and will be continued tomorrow, 1-13-07.</p>
2	Key conversations	QA informed ZPMC of the discrepancies observed on the RT film. QA informed ABF representative Craig Knops that QA would like to observe the set-up for the RT (radiographic testing) being performed in Shanghai to alleviate concerns with the technique.
3	Quality Assurance Inspectors per shift	4 AM + Engineer Jim Merrill 0 PM

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer