

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-000221**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 08-Aug-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 2

Item	Title	Detail
1	Major component movement	<p>QA continued reviewing the MTRs for the 92 production and 4 mock-up plates. QA observed that the MTRs did not have the required fine grain practice and through property thickness requirements stated on the documents.</p> <p>QA observed welding of the following PQR: HP2007153-1, 1G SAW (JW-3+JW-B) on HPW 485W, welding is in progress</p>
2	Meetings attended	<p>The SMR met with ABF and ZPMC to discuss the schedule for tomorrow and the weekend.</p> <p>Tomorrow: Begin tack welding of 77m (3B) Tower Mock-up, Continue welding SAW PQR HP2007153-1 and begin 3G SMAW PQR HP2007149-1,</p> <p>Friday: Begin GMAW tack welder qualifications for closed rib welding,</p> <p>Saturday and Sunday: Continue PQRs, Begin heat straightening of plates for mock-ups, Begin tack welding of 114m Tower Splice Mock-up, Also discussed was the UT Procedure for the closed-rib PJP weld. ABF indicated they wanted to use procedure developed by Department and will want to share with ZPMC. ZPMC asked ABF about a training schedule.</p>
3	Key conversations	<p>QA discussed various WQCP comments with ABF and ZPMC. ZPMC explained that the SAW WPS's qualified by PQR HP2007134 was varied to the Maximum Heat Input criteria based upon the maximum amperage and voltage recorded on the PQR rather than the average. The original Excel spreadsheet provided by the State had the parameters calculated in this manner, but was subsequently revised to be based upon the average values of the PQR. Since ZPMC was utilizing the spreadsheet provided by the</p>

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State, it was agreed the approved-as-noted comments for the associated WPS's did not need to be incorporated into the final copy.

QA spoke with ABF Quality Control Dustin Brungardt regarding the Vanadium content on the test reports. Mr. Brungardt informed QA that the steel was a type 1, which does not require Vanadium, but only requires Columbian (Nb). This was verified on the MTRs.

4	Other important observations	ZPMC brought the Closed-rib Bending Demonstration samples to QA. The samples were rough machined and not etched. QA spoke with ABF and ZPMC regarding the requirements for the mechanical testing.
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5	Quality Assurance Inspectors per shift	4 AM (Acuna, Berger, Cuellar, Franco) 0 PM
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Inspected By:	McClary,David
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	Quality Assurance Inspector
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Reviewed By:	Lowry,Patrick
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	QA Reviewer
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