

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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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-000199**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 18-Jul-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 observed welding of the following PQR: HP2007144-1, 3G SMAW (E9018) on HPS 485W, welding is in progress</p> <p>QA began materials verification of 112 plates for production.</p>
2	Meetings attended	<p>QA met with ABF and ZPMC to discuss the GMAW transfer mode for the closed-rib to deck PJP weld. ZPMC believes they are operating in the spray mode, while ABF believes they are operating in the globular mode. After some discussion, all parties agreed the transfer mode should be based upon the manufacturer's research data, and ZPMC will contact the local Lincoln Electric representatives to determine the transfer mode.</p> <p>QA met with ABF at 1500 to discuss the schedule for tomorrow. The schedule for tomorrow included the following: Continue welding of PQR HP2007144-1, Begin cutting material for the 89 meter tower mock-up, RT of the four (4) 90mm thick PQR test plates in Shanghai is scheduled for Friday. ZPMC intends to weld PQRs HP2007371 and HP2007372 on Friday. However, these are for non-standard joints on the tower skin that are currently the subject of RFI 792. QA informed ABF and ZPMC that it would be advisable not to start these PQR test plates, as the RFI response may not require the joints to undergo qualification. Scheduled events for Monday include 90 welder qualification test side bend tests and review of RT film from Friday.</p>
3	Other important observations	<p>QA observed the following number of personnel performing work on the ABF closed-rib and tower mock-ups including welders, ZPMC QC and ABF Representatives:</p> <p>Closed-rib: 18 (bending) Tower Mock-ups: 9 Caltrans Tower Mock-ups: 75 plates primed and relocated to tower mock-up</p>

DAILY PROJECT JOURNAL

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bay.

4	Quality Assurance Inspectors per shift	3 AM (Acuna, Berger, Cuellar)
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5	Logistics	ABF began giving hard copy sections of the submitted WQCP to QA for review.
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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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