

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 #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000720**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 19-Mar-2008**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Major component movement	<p>OBG Production:</p> <p>Fitting and welding T-stiffeners to side plates, Fitting and welding stiffeners to floor beams, Machining, beveling and bending closed-ribs, Fitting closed-ribs to deck panels, ZPMC performed closed-rib welding on 2 PMT tests for Gantries 1 and 2, and Deck Plates DP008-001, DP001-001, DP135-001 and DP299-001. The on rib sample for the PMT on Gantry 2 had a cracked tack and had to be replaced. Splice welding Side Plates in OBG Assembly Shop</p> <p>Tower Production:</p> <p>Cutting Skin Plates Heat straightening diaphragm plates, Fit-up and welding diaphragm plates.</p> <p>77m Tower Mock-up: No work observed.</p> <p>89m Tower Mock-up: Grinding weld terminations.</p> <p>114m Tower Mock-up: MT of base metal where stabbing lugs were removed.</p>
2	Other important observations	<p>ZPMC performed all welding of the PMT tests prior to beginning production. The welding of each PMT took an average of 30 minutes including grinding of root pass. The entire time from welding of the root pass to the actual marking of the macro-etch locations (including visual and UT testing) was 1 hour and 10 minutes.</p>

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3 Quality Assurance Inspectors per shift Approximately 70% of the QA staff was performing Quality Control functions.

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
