

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-000702**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 05-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 to qualify welders for gantries 1 and 2. Deck Panels DP032-001 and DP040-001 were welded on Gantry 1. Deck Panels DP029-001 and DP069-001 were started on Gantry 2. However, they were not completed due to an equipment malfunction. Porosity was observed on the root pass of DP029-001 and ZPMC removed and repaired using the gantry.</p> <p>Tower Production:</p> <p>Heat straightening diaphragm plates, Beveling diaphragm plates for splice welding.</p> <p>77m Tower Mock-up: Grinding welds.</p> <p>89m Tower Mock-up: Performing Critical Weld Repairs.</p> <p>114m Tower Mock-up: No work was performed on this date.</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues related to fabrication:</p> <p>ZPMC brought up NCR's that they do not think should have been issued. Examples included NCR24 of QC missing undercut, NCR25 for QC missing undersize fillet welds. Stanley Ku explained that management had reviewed these and decided they should be issued. ZPMC brought up other</p>

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examples such as inadequate pre-heat, uneven bevel preparation of closed-ribs and rust in the joints. Caltrans stated these were good examples of NCR's that should be written, since ZPMC continues to have these issues and have not addressed the systemic cause. ZPMC stated they would prefer that Caltrans just maintain a list of issues and give these to ZPMC as action items or a punch list.

Caltrans asked if ZPMC was still continuing with the repairs to the 89m Tower Mock-up since Caltrans and ABF agreed upon of partial mock-up procedure to resolve the cracking issue on the diaphragm to vertical stiffener lugs. ABF stated that they still need to meet with ZPMC to come to an agreement to move forward with the proposal.

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
