

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
 690 Walnut Ave. St. 150
 Vallejo, CA 94592-1133
 (707) 649-5453
 (707) 649-5493

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-000178**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 27-Jun-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: HP2007147-1, 1G SAW (MIL800-HPNi+LA85) on HPS 485W material, welding is in progress</p> <p>QA verified 9 plates for the Caltrans Mock-ups.</p>
2	Meetings attended	<p>QA met with ABF at 0900 to discuss the activities for the day. ABF informed QA that ZPMC intends to restart PQR HP2007147-1. ZPMC notified ABF and Caltrans that RT testing for PQRs HP2007143-1 and HP2007144 will take place tomorrow. ABF and Caltrans are scheduled to attend. ABF and Caltrans are scheduled to observe RT testing at ZPMC today, to observed set-up and developing procedures.</p>
3	Other important observations	<p>QA and ABF on-site QCM Nate Lindell met with ZPMC to observe RT testing and developing film. Safety appeared to be a key issue as QA and ABF observed the following safety items: 35 personnel walked through the radiation boundaries prior to shooting, the radiation boundaries only had three sides, and the key for the X-ray control was unattended in the control during the shot set-up. ZPMC personnel used a survey meter to verify the exposure levels at the radiation boundaries. However, the units of measure were in nSv. No one from ZPMC knew the conversion from nSv to mR or the exposure limits for the boundary in nSv. Therefore, ZPMC could not determine if the boundary distance was sufficient to limit exposure levels.</p> <p>QA observed the following number of personnel performing work on the closed-rib welding development and ABF tower mock-ups including welders, ZPMC QC and ABF Representatives: Closed-rib: 7 Tower Mock-ups: 20</p>
4	Quality Assurance Inspectors per shift	<p>2 AM (Berger, Cuellar) 0 PM</p>

DAILY PROJECT JOURNAL

(Continued Page 2 of 2)

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer