

**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-000063**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 09-Feb-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 1

| Item | Title                        | Detail  |
|------|------------------------------|---|
| 1    | Key conversations            | <p>ABF representative Nate Lindell informed Caltrans Quality Assurance (QA) that the dies for forming the closed-ribs were located in another ZPMC facility in Nantong, approximately 100km from Shanghai. Mr. Lindell stated that ZPMC is proposing forming ribs for the rib trials and mock-up in the Nantong facility. Mr. Lindell asked if Caltrans would need to audit the facilities related to rib forming. After consulting with Caltrans Welding Engineer Jim Merrill, QA informed Mr. Lindell that Caltrans would like to audit the facility. Mr. Lindell stated he would set-up the audit one day next week.</p> <p>QA requested Mr. Lindell provide information on the upcoming schedule at ZPMC. Mr. Lindell stated he would set-up a meeting for Monday, February 12th.</p> <p>QA spoke with Mr. Lindell regarding the Mill Markings previously discussed. QA had been informed that the Heat Number was not on the plate mill marking. Mr. Lindell consulted with his inspector, Jeff Evans, and informed QA that there was some miscommunication on this issue. The mill does stamp the heat number in the plate. Apparently the mill marking issue was related to what information ZPMC was transferring to the pieces being cut. Mr. Evans stated this was no longer an issue, as they have spoken with ZPMC and they are now transferring the heat number.</p> |
| 2    | Other important observations | <p>Caltrans Quality Assurance (QA) observed the on-site fabrication shop where ZPMC plans to perform the closed-rib machining, forming and welding. ZPMC has an assembly line type set-up consisting of a horizontal mill for squaring and sizing the plates, a dual nibbler table for making the bevels, and press-brake for rib forming. QA also observed the pre-camber table the closed-rib panels are to be welded on. ZPMC is in the process of assembling the closed-rib welding gantry. ZPMC intends to weld the GMAW and SAW in tandem with approximately 200mm separation</p>   |

