

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-000495**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 26-Nov-2007**Location:** Shanghai, China - Changxing Island**Submittals(New / Total):****CWR's:** 0 / 22**HSR's:** 2 / 14**NCR's:** 0 / 14

Item	Title	Detail
1	Quality Assurance Inspectors per shift	Day Shift: OBG and Tower- Alfredo Acuna, Larry Viars, John Tracy and Dan Hernandez Day Shift: Material Verification- Tim McClendon Swing Shift: OBG and Tower- Charlie Franco, Roscoe Dixon, Scott Croff and Bruce Berger
3	Logistics	ABF/ZPMC informed Caltrans that the night shift will not be working this evening.
4	Major component movement	Orthotropic Box Girder (OBG) observations- OBG Side Panel Splice Weld- SP001 consisting of plate 63A to 63B, Caltrans QA Inspector observed an area measuring 180mm in length rejected due to underfill. OBG Bottom Plates- Caltrans QA Inspectors observed ZPMC personnel in the process of tack welding T-Stiffeners to the bottom plates in preparation for welding. Tower Mock-Up- 89 Meter Elevation- Caltrans QA Inspectors observed ZPMC personnel heat straightening longitudinal stiffener plates identified as MP536A, MP536B and MP542 with a weight placed on top of the aforementioned stiffener plates. The attending Caltrans QA Inspectors notified ABF representatives of this non conforming issue to which ABF stopped the heat straightening of said plates. 89 Meter Elevation- Caltrans QA Inspectors observed ZPMC personnel tack welding longitudinal stiffener plates identified as MP538A, MP538B and MP540 to Skin Plate "D" utilizing the Shielded Metal Arc Welding

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(SMAW) process in the horizontal position.

114 Meter Elevation- Caltrans QA Inspectors observed ZPMC Non-Destructive Testing (NDT) personnel conducting Ultrasonic Testing (UT) of weld repaired areas for interior splice plate A58 at stiffener plate P268-1 utilizing the Flux Cored Arc Welding (FCAW) process in the flat position.

Material Verification-

Material Test Report (MTR) Verifications- Caltrans QA Inspector is in the process of reviewing the material test reports associated with batch numbers 37, 38 and 39. The MTRs reviewed on this date, for the identified batch numbers are found to comply with project specifications.

5	Meetings attended	Caltrans/ABF/ZPMC Issues Meeting- Caltrans METS and Construction personnel attended today's issue meeting and discussed the following items,
		1) The use of Shielded Metal Arc Welding (SMAW) electrodes, identified as TL-508, not contained in a hermetically sealed containers that are currently being used on SPCM components for tack welding. This issue was observed by Caltrans QA Inspectors. ZPMC QC department generated an internal Non Conformance Report (NCR) to document this issue. The said tack welds are to be removed.
		2) Tower Mock-Up Skin Plates "A" and "E" are not fabricated in accordance with approved fabrication procedures. This issue is currently still under review.
		3) ZPMC personnel questioned the status of Heat Straightening Request (HSR) 13 and 14. Caltrans currently reviewing.
		4) Night shift is canceled until HSR and WQCP addendum's are approved for fabrication.
6	Heat Straightening Requests (HSRs)	Verbal approval from Caltrans to ABF representatives Dave Williams and Steve Lawton was given for HSR numbers 13 and 14.

Inspected By: Cochran,Jim

Quality Assurance Inspector

Reviewed By: McClary,David

QA Reviewer
