

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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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-000496**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 23-Nov-2007**Location:** Shanghai, China - Changxing Island**Submittals(New / Total):****CWR's:** 0 / 22**HSR's:** 0 / 11**NCR's:** 0 / 14

Item	Title	Detail
1	Quality Assurance Inspectors per shift	<p>Day Shift: OBG and Tower- Alfredo Acuna, Larry Viars and John Tracy</p> <p>Swing Shift: OBG and Tower- Roscoe Dixon, Scott Croff and Bruce Berger</p> <p>Night Shift: OBG and Tower- Ken Jobs and Charlie Franco</p>
4	Major component movement	<p>Orthotropic Box Girder (OBG) observations-</p> <p>OBG Deck Plate Mock Up- Caltrans QA Inspectors observed that ZPMC has completed the fitup of the two halves of the OBG Deck Plate in preparation for welding.</p> <p>OBG Floor Beams- Caltrans QA Inspectors observed ZPMC welding personnel in the process of welding OBG Floor Beam identified as FB-002-E-019-026 Complete Joint Penetration (CJP) splice.</p> <p>Tower Mock-Up-</p> <p>89 Meter Elevation- Caltrans QA Inspectors observed ZPMC welding personnel currently welding on Skin Plate "E" identified as MA38 utilizing the Flux Cored Arc Welding (FCAW) process.</p> <p>89 Meter Elevation- Caltrans QA Inspectors observed ZPMC Non Destructive Testing (NDT) technician conduct Magnetic Particle Testing (MT) on Skin Plate C identified as MA23 for Partial Joint Penetration (PJP) groove weld numbers 9 and 10 root pass.</p> <p>114 Meter Elevation- Caltrans QA Inspectors observed ZPMC welding personnel welding Skin Plate "E" to longitudinal stiffener plates not in accordance with approved fabrication procedure.</p>

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## DAILY PROJECT JOURNAL

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89 Meter Elevation- Caltrans QA Inspectors observed ZPMC welding personnel welding web connection splice plates identified as 11A and 12A.

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5	Key conversations	ZPMC QC personnel informed Caltrans QA that an internal Non Conformance Report (NCR) was generated to document the issue of ZPMC using material prior to check sampling.
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<b>Inspected By:</b>	Cochran,Jim	Quality Assurance Inspector
<b>Reviewed By:</b>	McClary,David	QA Reviewer

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