

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-000483**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 21-Nov-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 3 / 30**HSR's:** 0 / 10**NCR's:** 0 / 14

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	<p>BCWR-0001 Cracked tack from T-Stiffener to Bottom Plate propagated into the base metal.</p> <p>BCWR-0002 Burn-through of SAW root on the CJP Bottom Plate Splice weld.</p> <p>BCWR-0003 Cracked tack from T-Stiffener to Bottom Plate propagated into the base metal.</p>
2	Major component movement	<p>OBG Production:</p> <p>Fitting and welding T-Stiffeners to OBG Bottom Plates, Fitting and welding floorbeams, Drilling and cutting T-Stiffeners.</p> <p>77m Tower Mock-up: Welding stiffener plates between diaphragms.</p> <p>89m Tower Mock-up: Welding Longitudinal Stiffener to Skin Plate.</p> <p>114m Tower Mock-up: Weld Longitudinal Stiffener to interior splice plates (both PJP and CJP welded in the 1G position – Proposed fabrication sequence detailed PJP in 2G position and CJP in 1G position).</p> <p>Deck Plate Mock-up: Tack welding deck plate splice.</p> <p>2nd OBG Weld Trial: ABF and Caltrans scribed the cut lines for the samples representing areas with rejectable overlap, marginal overlap and acceptable convexity.</p>
3	Meetings attended	Caltrans met with ABF and ZPMC at 0800 to discuss check sampling. The ZPMC representatives at the meeting included only QC personnel and did

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not include the ZPMC managers from their Production and Planning departments. Mr. Williams stated he still needed to arrange another meeting with these managers. ZPMC began the meeting by explaining their understanding to the check sampling requirements. ZPMC has two lists of material on-site: plates received by Caltrans and plates received by ZPMC QC. ZPMC has identified half of the check samples required for the material received by Caltrans (check sample batches 1 to 4). ZPMC stated there are another 49 samples needed to qualify the material received to date. ZPMC asked to submit just the list identifying the plates and associated heats (for Tower and OBG skin 1 in 5 heat sample requirements). They do not want to resubmit the MTR's and supplemental tests. ABF and ZPMC will discuss this internally.

The issues and schedule meeting at 1300 was canceled at ZPMC's request.

4 Quality Assurance Inspectors per shift 5 Day Shift (Acuna, Hernandez, McClendon, Tracy, Viars)
3 Swing Shift (Berger, Dixon, Croff)
2 Graveyard Shift (Franco, Jobes)

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
