

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-000577**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 08-Jan-2008**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Meetings attended	I attended weekly SAS China fabrication update briefing conference meeting at 0900 hours. OBG closed rib UT procedure, Weld Trial #2 macro-etching tests, UT & VT of the Mock-Up, and macro selections of the Mock-Up were discussed.
2	Heat Straightening Requests (HSRs)	I reviewed and approved transmittals TL-08-0088, TL-08-0089, TL-08-0090, TL-08-0091 and TL-08-0092, which contain HSR(B)-030 Rev. 0, HSR(B)-032 Rev. 0, HSR(B)-034 Rev. 0, HSR(B)-036 Rev. 0 and HSR(B)-037 Rev. 0, respectively.
3	Heat Straightening Requests (HSRs)	I reviewed transmittals TL-08-0055, TL-08-0056, TL-08-0057, TL-08-0058, TL-08-0059 and TL-08-0060, which contain the closures of HSR(B) – 002 Rev. 0, HSR(B) – 003 Rev. 0, HSR(B) – 004 Rev. 0, HSR(B) – 005 Rev. 0, HSR(B) – 006 Rev. 0 and HSR(B) – 007 Rev. 0, respectively. The aforementioned HSR's were used to correct the distortions of floorbeam web plates. After heat straightening, all the floorbeam web plate distortions in the aforementioned transmittals met the specified tolerance in Special Provisions. The attached VT and UT reports in the aforementioned transmittals showed that all the welds were acceptable after heat straightening. All the aforementioned transmittals were recommended to be approved.
4	Heat Straightening Requests (HSRs)	I reviewed transmittals TL-08-0061, TL-08-0062, TL-08-0064, TL-08-0065 and TL-08-0066, which contain the closures of HSR(B) – 025 Rev. 0, HSR(B) – 026 Rev. 0, HSR(B) – 016 Rev. 0, HSR(B) – 017 Rev. 0 and HSR(B) – 020 Rev. 0, respectively. The aforementioned HSR's were used to correct the distortions of stiffeners of bottom / side plates. After heat straightening, all the stiffener distortions in the aforementioned transmittals met the specified tolerance in OBG Dimension Control Plan, Sheet DC103. The attached VT and MT reports in the aforementioned transmittals showed that all the welds were acceptable after heat straightening. All the aforementioned transmittals were recommended to be approved.

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5	Heat Straightening Requests (HSRs)	I reviewed transmittal TL-08-0063, which contains the closure of HSR(B) – 008 Rev. 0. The aforementioned HSR was used to correct the distortion of side plate. After heat straightening, the distortion in the aforementioned transmittal met the specified tolerance in Special Provisions. The attached VT and MT reports in the aforementioned transmittal showed that all the welds were acceptable after heat straightening. The aforementioned transmittal was recommended to be approved.
6	Heat Straightening Requests (HSRs)	I reviewed transmittal TL-08-0094, which contains HSR(B) – 021 Rev. 1. The proposed correction action(s) in the HSR was unclear. The aforementioned transmittal was recommended to be resubmitted with clarification on the correction action(s).
7	Meetings attended	<p>I attended a meeting conducted between ABF/ZPMC and CT at 1300 hours, regarding Dimension Verification Plan of OBG segment fabrication. CT attendees were Mazen, Chad, Jason, Keith D. and Chengwen. The topics/issues discussed were:</p> <ul style="list-style-type: none">-- ABF asked that what measurements needed to be taken during OBG segment fabrication.-- How to shoot the bottom plate with T-stiffeners? There might be possibility that the measuring point on the bottom plate would be shaded by the flange of the T-stiffener.-- The survey of the floorbeam web plate. ABF indicated that there might no 3-D survey needed for the floorbeam. The verticality could be measured by using plumb and the alignment of floorbeam plate could be measured by using string.

Inspected By: Liu, Chengwen

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer
