

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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017133**Date Inspected:** 13-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wang jie / Geng wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

SAW welding of weld is identified as 1G-002 of SEG3013AD of Segment 13AW. The welder is identified as 045270. ZPMC QC is identified as Mr. Wang jie. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2221-B-U2c-S-2.

FCAW welding of weld is identified as 2G-002 of K-plate KP3008-001 of segment 13BE. The welder is identified as 067079. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld is identified as 2G-003 of K-plate KP3001-001 of segment 13AE. The welder is identified as 066236. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld is identified as 2G-009 of K-plate KP3007-001 of segment 13BE. The welder is identified as 044790. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

BAY#16

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

FCAW welding of weld is identified as 2G-063 of LD3034-001 of segment 13AW. The welder is identified as 045280. ZPMC QC is identified as Mr. Wang jie. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U5-F.

SAW welding of weld is identified as 1G-003 of BP3107-001 for Lift 14. The welder is identified as 201917. ZPMC QC is identified as Mr. Guo pan. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2221-B-L2c-S-2.

BAY#19

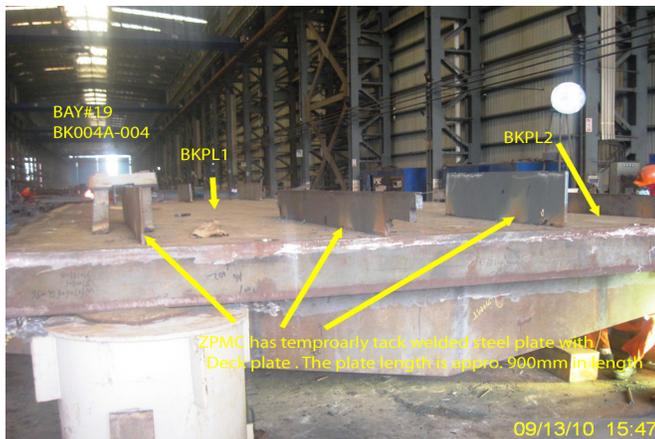
During the Quality Assurance (QA) random visual inspection of OBG Bike path BK004A-004 this Quality Assurance Inspector (QA) discovered the following issues:

- ZPMC has temporarily tack welded steel plates on top of the Deck plate.
- There are total of eight (8) steel plate welded with deck plate of BK.
- The approved shop drawings do not specify any welds in these locations.

For more information please see the Incident report

04-0120F4_TL-15_B247_09-13-10_BK004A-004_Temporary_Welds_Added_Without_Approval

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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