

**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-017378**Date Inspected:** 01-Oct-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:** Xu tao**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#19

FCAW welding of weld is identified as 2G-007 of SB018-092 for SB92W. The welder is identified as 062755. ABF QC is identified as Mr. Peng wen jun. 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-053 of SB021-092 for SB92E. The welder is identified as 062739. ABF QC is identified as Mr. Peng wen jun. 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 3G-118 of BK004A5-001 for BK004A-001. The welder is identified as 062806. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-B-U2-F.

FCAW welding of weld is identified as 1G-008 of BK006A1-002 for BK006A-002. The welder is identified as 062783. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-B-U2-F.

FCAW welding of weld is identified as 1G-008 of BK004A1-005 for BK004A-005. The welder is identified as

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062808. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-B-U2-F.

FCAW welding of weld is identified as 1G-018 of BK006A2-001 for BK006A-001. The welder is identified as 62734. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-B-L1b-F-1.

ZPMC personnel performing HSR of bike path BK004A-005 deck plate ends after ZPMC and CT NDT completed and accepted satisfactorily. But ZPMC has internal report to perform this HSR

The report is identified as HSR1 (B)-9311 dated on 09.09.2010. ZPMC QC said they will perform Re-NDT on all the Heat straightening weld locations.

This QA inspector performed UT 10% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A-004

BK004A1-004-006.

BKSD1-004-021.

BK004A-011

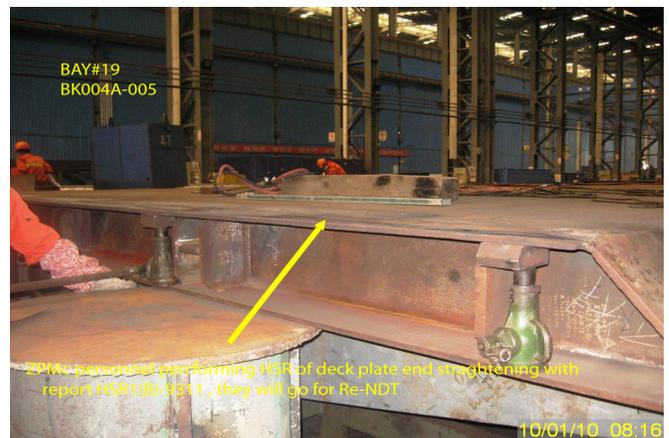
BK004A3-011-005,010.

BKSD1-011-018,021.

BK004A1-011-006.

BK004A5-011-004.

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



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## 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.

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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer

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