

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-019128**Date Inspected:** 18-Dec-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 repair weld is identified as 1G-044 of BK004A1-013 for BK004A-013. The welder is identified as 062783. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-1G-ESAB-Repair and B-WR19209.

SMAW welding of repair weld is identified as 4G-044 of BK005A1-002 for BK005A-002. The welder is identified as 259566. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-4G-Repair and B-WR19181.

FCAW welding of weld is identified as 2F-026 of SB018-098 for SB98W. The welder is identified as 062783. ABF QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-B-T2132-ESAB.

FCAW welding of weld is identified as 2F-032 of SB018-102 for SB102W. The welder is identified as 062807. ABF QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-B-T2132-ESAB.

FCAW welding of weld is identified as 2F-026 of SB021-098 for SB98E. The welder is identified as 062783. ABF

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QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-B-T2132-ESAB.

ABF QC MT personnel performing MT of bike path bottom cover plate CJP and plug welds is identified as BK004A2-006-016,018,017,015 of BK004A-006.

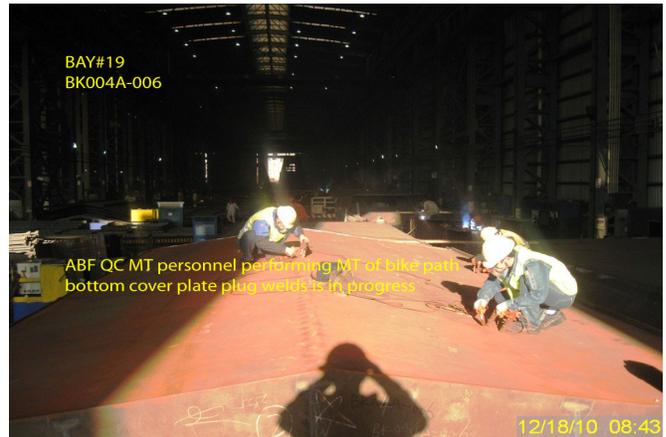
This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Suspender bracket. The weld designations reviewed as follows.

SB018-098-025,031,037,043,049,067,011,018,001,004,005,020,012,014,051,058,029,041,054,065,036,021,033, 039,045,046

Green tagg issued for the following Suspender brackets after NDT and VT carried out successfully.

SB	I stage	II stage
SB96E	012252	014948
SB100E	012250	014950
SB102E	014940	014954
SB96W	014958	014956
SB100W	014943	014939

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.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patel,Hiranch	QA Reviewer
