

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-019112**Date Inspected:** 06-Jan-2011**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 critical repair (R3) weld is identified as 3G-004 of SB023-104 for SB104 West. The welder is identified as 058792. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-3G-ESAB-Repair and CWR-02699.

FCAW welding of critical repair (R3) weld is identified as 3G-039 of SB023-104 for SB104 West. The welder is identified as 058792. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-3G-ESAB-Repair and CWR-02698.

SMAW welding of repair (R2) weld is identified as 1G-005 of SB022-106 for SB106 West. The welder is identified as 037996. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G-Repair and WR-19243.

SMAW welding of repair (R2) weld is identified as 1G-004 of SB023-106 for SB106 East. The welder is identified as 067520. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G-Repair and WR-19295.

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SMAW welding of weld is identified as 1G-003 of BK4ASD1-014 for BK004A-014. 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-B-P-2211-Tc-U4C.

FCAW welding of weld is identified as 2F-038 of BK004A1-006 for BK004A-006. 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-2231-ESAB.

SMAW welding of weld is identified as 1G-023 of BK4ASD1-014 for BK004A-014. 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-B-P-2211-Tc-U4C.

This QA inspector performed MT 15% of weld and base metal repair locations 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 Bike path. The weld designations reviewed as follows.

- BK4A-021/ Punch list 83
- BK4A-021-MEP-033,034
- BK4A-001(BMR)/ Punch list 73
- BK4A-005 (BMR)
- BK4A-007(BMR) Punch list 76
- BK4A-010(BMR) Punch list 79

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
