

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-017765**Date Inspected:** 15-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 critical repair weld is identified as 2G-004 of SB021-092 for SB92E. 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-345-FCAW-2G-Repair and B-CWR2048.

FCAW welding of critical repair weld is identified as 2G-004 of SB018-092 for SB92W. 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-345-FCAW-2G-Repair and B-CWR2051.

FCAW welding of critical repair weld is identified as 2G-004 of SB017-086 for SB86W. The welder is identified as 062786. ABF QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-2G-Repair and B-CWR2050.

FCAW welding of critical repair weld is identified as 2G-004 of SB017-088 for SB88W. The welder is identified as 062752. ABF QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-2G-Repair and B-CWR2049.

FCAW welding of plug weld is identified as 2F-017 of BK004A2-008 for BK004A-008. The welder is identified

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as 208781. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-2-plug.

FCAW welding of weld is identified as 1G-023 of BK4SD1-011 for BK004A-011. The welder is identified as 058792. ZPMC QC is identified as Mr. Liu dao feng. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-Tc-U4c-F.

FCAW welding of weld is identified as 2F-008 of BK004A2-008 for BK004A-008. The welder is identified as 058792. ZPMC QC is identified as Mr. Liu dao feng. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

This QA inspector performed VT of cleanliness of welds and internal areas of Bike path BK004A-003 and BK006A-002. Areas requiring additional grinding and cleaning were marked by QA and repaired by ZPMC personnel.

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 Bike path.

The weld designations reviewed as follows.

BK4ASD1-002-009,011,013,016,019,020

BK4ASD1-003-009,011,013,016,019,020

BK4ASD1-005-009,010,011,015,019,017

BK4ASD1-012-009,010,011,015,019,017

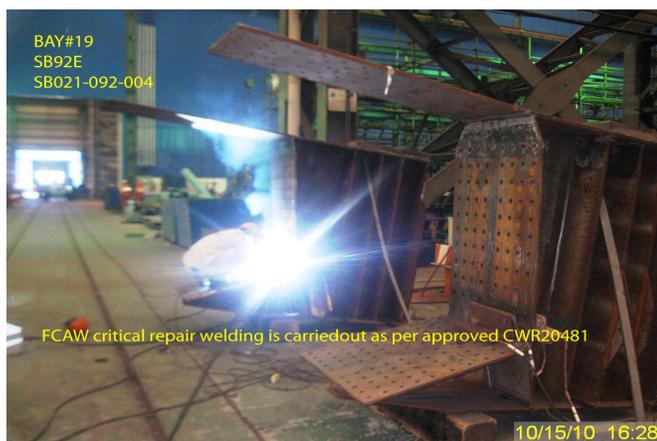
BK5ASD1-001-013,017,020,010

BK6ASD1-001-037,039,041,042,047

BK6ASD1-002-039,040,043,044,045

BK004A5-003-015,111,025,123,113,045,127,117,075,120,133

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:	McClendon,Timothy	QA Reviewer
