

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-017944**Date Inspected:** 17-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 2F-008 of BK006A2-002 for BK006A-002. The welder is identified as 058755. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 1G-027 of BK4ASD1-008 for BK004A-008. The welder is identified as 062762. 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 1G-029 of BK6ASD1-002 for BK006A-002. The welder is identified as 062755. 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 1G-032 of BK6ASD1-001 for BK006A-001. The welder is identified as 062732. 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.

SMAW welding of critical repair plug weld is identified as 1F-020 of BK004A2-002 for BK004A-002. The

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welder is identified as 0202338. ZPMC QC is identified as Mr. Liu dao feng. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G(1F)-repair and B-CWR2063.

SMAW welding of critical repair weld is identified as 1G-004 of SB017-088 for SB88W. The welder is identified as 259566. ABF QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G(1F)-repair and B-CWR2049 rev-1.

This QA inspector performed VT of cleanliness of welds and internal areas of Bike path closure box before install the top cover plate BK004A-012. 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.

BK004A2-001-016,018.

BK004A1-004-016,019,023,025,026,027.

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.

BK004A5-012-008.

SB020-090-001,004,007,011,019,020,037,049,031,055,067.

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
