

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-018505**Date Inspected:** 08-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:** Liu yan hua**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.

FCAW welding of weld is identified as 3G-096 of BK004A6-013 for BK004A-013. The welder is identified as 062739. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-ESAB.

FCAW welding of weld is identified as 4G-078 of BK004A8-013 for BK004A-013. The welder is identified as 208641. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2234-ESAB.

FCAW welding of weld is identified as 4G-070 of BK004A6-013 for BK004A-013. The welder is identified as 208641. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2234-ESAB.

FCAW welding of weld is identified as 2G-090 of BK004A6-013 for BK004A-013. The welder is identified as 062739. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-ESAB.

FCAW welding of weld is identified as 2G-006 of SBK022-104 for SB104W. The welder is identified as 058792. ZPMC QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with

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the WPS-B-T-2232-ESAB.

FCAW welding of weld is identified as 2G-006 of SBK023-106 for SB106E. The welder is identified as 062732. ZPMC QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-ESAB.

FCAW welding of weld is identified as 2G-013 of SBK023-104 for SB104E. The welder is identified as 062783. ZPMC QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-ESAB.

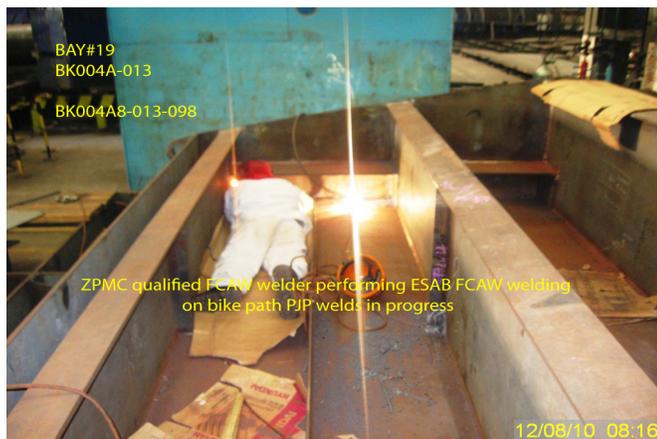
FCAW welding of weld is identified as 2G-015 of SBK022-106 for SB106W. The welder is identified as 062762. ZPMC QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-ESAB.

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.

SB108W – Bearing plate buttering location CWR.

SB018-096-025,031,049,061,001,004,005,007,008,003,028,033,039,051,063,065,036,013,015,020,030,053,036,009,059.

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



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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Inspected By: Kumar,Chadra

Quality Assurance Inspector

Reviewed By: Patel,Hiranch

QA Reviewer