

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-017375**Date Inspected:** 28-Sep-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 3F-058 of BK005A6-002 for BK005A-002. The welder is identified as 062762. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2133.

FCAW welding of weld is identified as 2F-1683 of BK005A7-002 for BK005A-002. The welder is identified as 062783. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 1G-018 of BK004A2-005 for BK004A-005. The welder is identified as 062732. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-B-L1b-F-1.

FCAW welding of weld is identified as 1G-016 of BK004A2-001 for BK004A-001. The welder is identified as 062808. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-B-L1b-F-1.

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control

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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.

BK004A-001

BK004A3-001-019,020,032

BK004A4-001-032,022,006

BK004A8-001-092,096,100,070,072,073,028,038,129

BK004A2-001-001,004,005

BK006A-001

BK006A2-001-005,007

BK006A3-001-020,043

BK006A6-001-065,092,096,080,090,078,072,073,128

BK006A4-001-021,032,047

BK006A-002

BK006A2-002-001,004

BK006A3-002-020,058,002

BK006A6-002-082,092,102,080,090,100,072,073,161,153

BK006A4-002-021,021

This QA inspector performed VT of welds areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a VT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A-001

BK004A6-001-004,006,009,011,003,005,008,010,025,027,037,039

BK004A8-001-004,006,009,011,025,027,037,039

BK006A-001

BK006A3-001-065,100,067,101,068,102,069,103,070,104,071,105

BK006A4-001-080,100,083,102,082,101,085,103,086,104,087,105

BK006A-002

BK006A3-002-065,100,067,101,068,102,069,103,070,104,071,105

BK006A4-002-080,100,083,102,082,101,085,103,086,104,087,105

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

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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
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Reviewed By:	McClendon,Timothy	QA Reviewer
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