

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-023417**Date Inspected:** 05-May-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:** Li 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.

BAY#19

FCAW welding of weld is identified as 2G-054 of SA6531-001 for SA6531. The welder is identified as 062807. ZPMC QC is identified as Mr. Li ping. 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-069 of SA6531-001 for SA6531. The welder is identified as 062807. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-ESAB.

FCAW welding of weld is identified as 3G-144 of SA6531-001 for SA6531. The welder is identified as 062807. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-ESAB.

FCAW welding of weld is identified as 3G-054 of SA6531-001 for SA6531. The welder is identified as 062807. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-ESAB.

FCAW welding of weld is identified as 1G-082 of SA6530-001 for SA6530. The welder is identified as 062739.

WELDING INSPECTION REPORT

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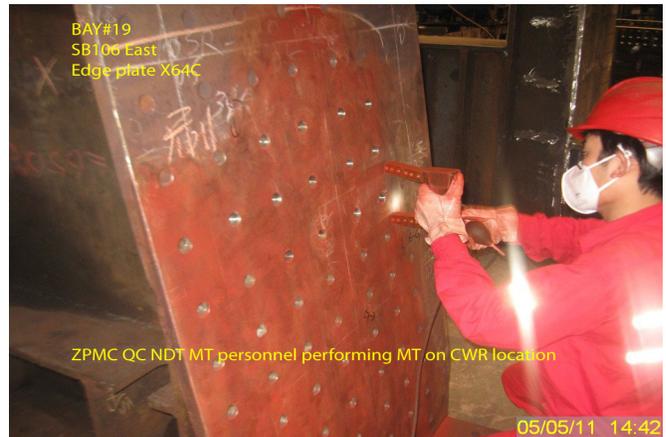
ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-ESAB.

FCAW welding of weld is identified as 3G-100 of SA6529-001for SA6529. The welder is identified as 062739. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-ESAB.

FCAW welding of weld is identified as 1G-027 of BK023A2-001 for BK23A-001. The welder is identified as 062788. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-ESAB.

ZPMC QC NDT UT personnel performing UT on Cable bracket SA6029, SA6529, SA6530 and SA6030 is in progress.

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.

Inspected By: Kumar,Chadra

Quality Assurance Inspector

Reviewed By: Patel,Hiranch

QA Reviewer