

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-020085**Date Inspected:** 30-Jan-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#16

FCAW welding of weld is identified as 2F-021 of BP3095-001 for Bottom plate Lift14East. The welder is identified as 067752. 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-ESAB.

FCAW welding of weld is identified as 2F-022 of BP3095-001 for Bottom plate Lift14East. The welder is identified as 067752. 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-ESAB.

FCAW welding of weld is identified as 2G-032 of BP3095-001 for Bottom plate Lift14East. The welder is identified as 067752. 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.

BAY#19

ZPMC personnel performing Grinding of Visually (VT) marked locations of suspender bracket is Identified as SB106 East and SB106West.

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This QA Inspector along with QA inspector Mr. Manjunath math performed the dimensional survey inspection to measure the Edge plate flatness of suspender bracket is identified as SB106 East,106 West and 108 East. The measurements were recorded on a separate sheet and forwarded to team leader for review and disposition. The location and length designations were as follows:

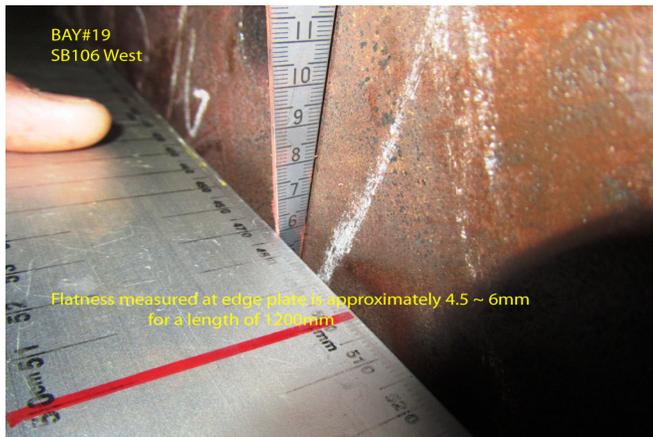
SB106East -3.5 for length of 800mm.

SB106West-4.5~5.5 for length of 1200mm.

SB10East-7~8mm for length of 1000mm.

This is informed to ZPMC QC Mr.Guo xing hui and ABF QA Mr. Peng wen jun for further rectification.

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