

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-022816**Date Inspected:** 14-Apr-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: Zheng zhi wei
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: 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

ZPMC QC NDT MT personnel performing MT of Base metal repair location after lifting lugs removed location of Bike path side plates for BK004A-013, 014 in progress.

SMAW welding of critical repair weld (Buttering) on Edge plate X64B for SB106 East. The welder is identified as 259566. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G-Repair and B-CWR2877.

SMAW welding of weld is identified as 1G-002 of TB3001 for Bike path. The welder is identified as 259066. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2211.

SMAW welding of weld is identified as 1G-004 of TB3001 for Bike path. The welder is identified as 259066. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2211.

FCAW welding of weld is identified as 2F-010/011 of BK025A3-001 for BB25A-001. The welder is identified as 062783. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-ESAB.

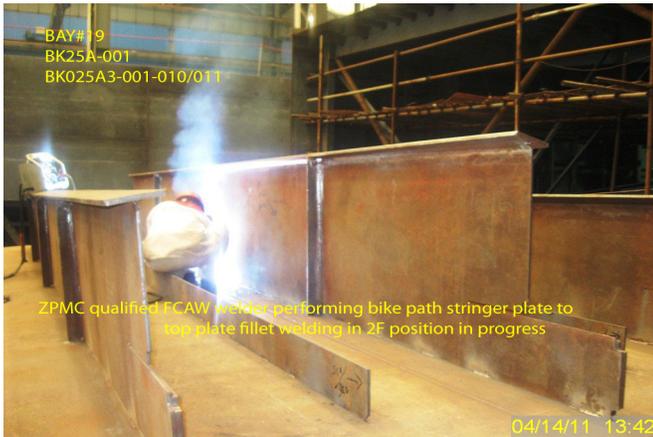
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FCAW welding of weld is identified as 2F-067/068 of BK025A6-001 for BB25A-001. The welder is identified as 062807. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-ESAB.

SMAW welding of repair weld (R2) is identified as 1G-055 of SB027-110 for SB110East. The welder is identified as 259066. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G(1F)-Repair and B-WR20698.

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