

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-022840**Date Inspected:** 16-Mar-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#14

SMAW welding of weld is identified as 3G-001 of SEG3014G for OBG segment 13BW. The welder is identified as 067707. ZPMC QC is identified as Mr.Zhang lin. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2213-B-U2-FCM-1.

SMAW welding of weld is identified as 4G-009 of SEG3014 for OBG segment 13BW. The welder is identified as 066261. ZPMC QC is identified as Mr.Zhang lin. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2214-B-U2-FCM-1.

SMAW welding of weld is identified as 3G-018 of OBW13A for OBG segment 13BW to 13CW. The welder is identified as 067764. ZPMC QC is identified as Mr.Zhang lin. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2213-B-U2-FCM-1.

BAY#19

FCAW welding of lifting lugs of BK004A-013 and BK004B-001 for OBG Bike path. The welder is identified as 058792 & 062749. 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.

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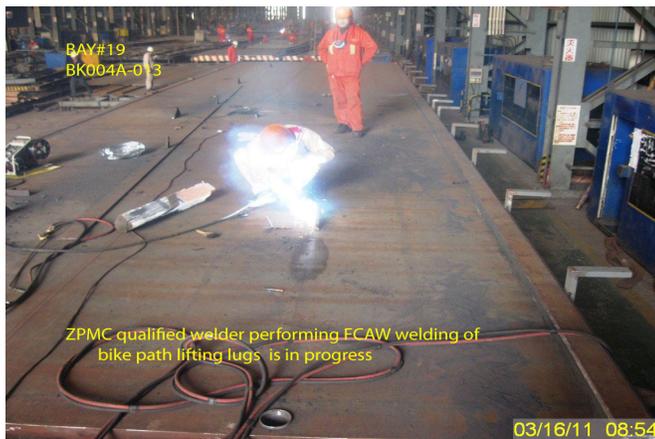
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Visual inspection of weld joint fit-up of suspender bracket is identified as SB110 East and SB110 West carried out with ZPMC QC is identified as Mr.Guo xing hui.is appeared to comply with as per approved drawing and WD.

ZPMC personnel performing Heat straightening of Cable bracket SA6531 is in progress as per approved HSR1 (B)-1082.

ZPMC personnel performing fit-up of bike path doubler stringer plates are identified as BKX85 to BK86 and BK103 is in progress. The SAMW welder is identified as 259653.

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