

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

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-019108**Date Inspected:** 09-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:** 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 critical repair (R3) weld is identified as 3G-039 of SB025-108 for SB108 East. The welder is identified as 062761. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-3G-ESAB-Repair and CWR-02731.

FCAW welding of critical repair (R3) weld is identified as 2G-014 of SB025-108 for SB108 East. The welder is identified as 062761. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-2G-ESAB-Repair and CWR-02731.

SMAW welding of weld is identified as 1G-002 of BK4BSD1-001 for BK004B-001. The welder is identified as 259566. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2211-Tc-U4c.

SMAW welding of weld is identified as 1G-027 of BK4BSD1-002 for BK004B-001. The welder is identified as 259566. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2211-Tc-U4c.

Fourth time reject able indications found ZPMC QC NDT personnel in suspender bracket is identified as

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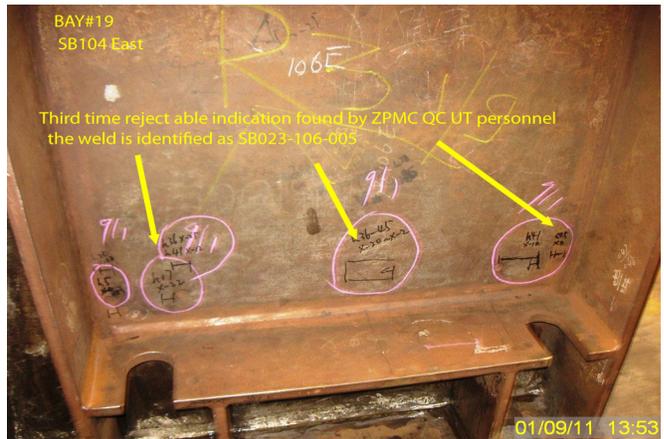
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SB104West, the weld no are SB022-104-002,004,006,005. ZPMC start to do their Carbon air arc gouging is in progress. This is informed to ZPMC QC Mr.Xu tao before go for welding need CWR.

Third time reject able indications found by ZPMC QC NDT personnel in suspender bracket is identified as SB106 East, the weld no are SB023-106-002,006,005,004. Informed to ZPMC QC Mr. Xu tao to make CWR before go to repair.

ABF QC MT personnel performing MT of bike path BK004A-006 MEP parts is in –progress.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



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## 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

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**Reviewed By:** Patel,Hiranch

QA Reviewer