

**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-021015**Date Inspected:** 23-Feb-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

SMAW welding of Plug weld is identified as 2G-020 of BK004A2-013 for BK004A-013. The welder is identified as 050082. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2112-Plug.

SMAW welding of Plug weld is identified as 2G-019 of BK004A2-013 for BK004A-013. The welder is identified as 050082. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2112-Plug.

SMAW welding of weld is identified as 1G-003 of SB027-110 for SB110 West. The welder is identified as 0259566. 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-U4b-FCM-IESAB.

ZPMC QC NDT MT personnel performing MT on end closure plate of bike path of BK004A-014 is in progress.

ZPMC personnel performing flush grinding of Plug welds in bottom cover plate of bike path BK004B-001 is in progress.

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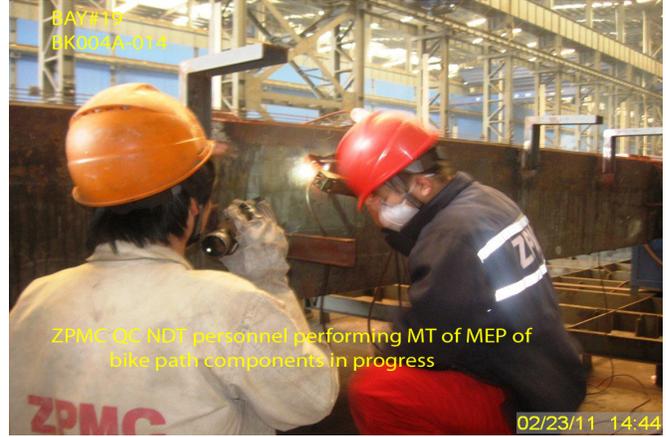
# WELDING INSPECTION REPORT

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ZPMC personnel performing grinding of suspender bracket bent plate welds (X64BR) of SB110 East 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.

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**Inspected By:** Kumar,Chadra

Quality Assurance Inspector

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**Reviewed By:** Patel,Hiranch

QA Reviewer