

**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-021017**Date Inspected:** 20-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-014 of BK005A2-002 for BK005A-002. The welder is identified as 050082. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2112-Plug.

FCAW welding of weld is identified as 2F-013 of BK004B2-001 for BK004B-001. The welder is identified as 062752. ZPMC QC is identified as Mr.Xu tao. 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-008 of BK004B2-001 for BK004B-001. The welder is identified as 062752. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-ESAB.

ZPMC personnel performing pre heat up to 60 degree before go to welding of bike path bottom cover plate of BK004B-001.

ZPMC personnel performing Fit-up of Suspender bracket curvature stiffener plate is in progress, the weld is identified as SB027-110-003,004. The suspender bracket is identified as SB110West. The SMAW welder is

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identified as 259629.

ZPMC personnel performing flush grinding of end closure plate of bike path BK004B-001 is in progress.

ZPMC personnel performing flush grinding of end closure plate of bike path BK005A-002 is in 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