

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Vallejo, CA 94592-1133  
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(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013208**Date Inspected:** 24-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 7000**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:** Geng wei**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 repair weld joint 4G-020 located on PCMK SEG071A of 11DW welder is identified as 047864. ZPMC QC is identified as Mr.Li jie . The welding variables recorded by QC appeared to Comply with the WPS-345-4G(4F)-FCM-Repair-1 and temporary WR.

FCAW welding of weld joint 1G-005 located on PCMK SEG3006\* of 12CW welder is identified as 202122. ZPMC QC is identified as Mr.Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F.

FCAW welding of weld joint 1G-005 located on PCMK SEG3005\* of 12CE welder is identified as 214945. ZPMC QC is identified as Mr.Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F.

Ongoing fit-up of segment 12 AW Floor beam FL2 to FL3 at PP110 monitored, the welder no is identified as 207540.

Ongoing Fit-up of T-ribs to T-ribs in FL-3 side side plate of segment 12AW @ PP111 monitored, the tack welder

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# WELDING INSPECTION REPORT

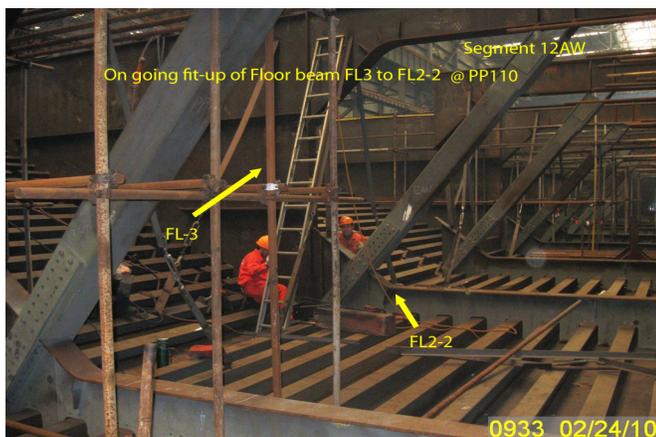
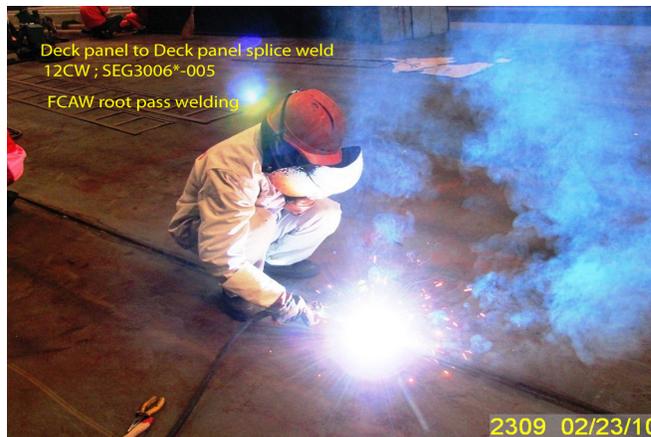
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no is identified as 045268.

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:** McClendon,Timothy

QA Reviewer