

**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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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-008427**Date Inspected:** 05-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shen fu you**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 time noted above for observations relative to the work being performed.

BAY#14

Ongoing SAW Repair Welding of Weld joint 1G-009 Located on SEG059A Welder no identified as 050316 and the welding variables recorded by QC ZMPC Mr. Liu wang ning to comply with the WPS-B-T-2221T-1 and B-WR6039.

Ongoing SMAW Welding of Weld Joint 4G-082&3G-086 Located on CSD9-PP54 Welder no identified as 0205718, 207540 and The welding variables recorded by QC ZMPC Mr. Liwang Lin to comply with the WPS-B-P-2214-Tc-U4b-FCM-1 & WPS-B-P-2213-Tc-U4b-FCM-1.

Ongoing FCAW Welding of Weld joint 2F-084 Located on CA068 Welder no identified as 050316 and the welding variables recorded by QC ZMPC Mr. Zhong guo hui to comply with the WPS-B-T-2132.

Multiple UT indication found in the Entire length of FL3 CJP weld of SEG031B-016 in Segment 6CW by ZPMC UT technician. Repair not yet started. Please see the attached photo.

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

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# WELDING INSPECTION REPORT

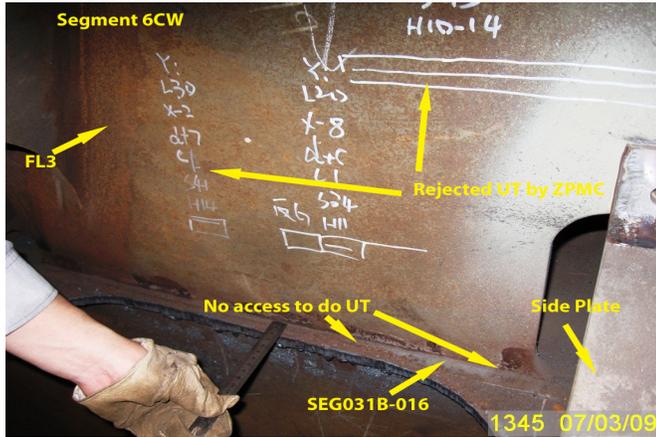
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## Summary of Conversations:

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 Jim Simonis - 134-7246-3441, 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:** Clifford, William QA Reviewer