

**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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003620**Date Inspected:** 20-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China**CWI Name:** Huang Wen-Pang**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**Summary of Items Observed:**

UT

This Quality Assurance (QA) inspector arrived at ZPMC in Shanghai China for observation of Orthotropic Bridge Girders (OBG) and Self Anchored Suspension (SAS) Bridge. This QA inspector received notification of witness inspection request numbers 882 from ZPMC QC department for UT verification. This QA inspector performed UT verification after ZPMC had completed and accepted the weldments in the OBG assembly shop bay 2 for the following locations; SSD14A-PP031-006, 131, 106 and 127, SSD14-PP031-131, 135 and 108. This QA inspector performed 10 % of the weld lengths for review and at the time of the QA review the weldments appeared to be in conformance. A TL-6027 will be generated for these locations.

Cracked Tack welds Bay 7

This QA inspector was notified by ZPMC personnel of a cracked tack weld on floor beams FB062-001-004 and FB059-001-004. ZPMC's CWI Huang Wen-Pang was present during the excavation of the tack welds by ZPMC personnel using a grinder to remove the welds. After the welds were removed Caltrans, ABF and ZPMC observed the locations and concurred that the cracks were removed. This QA inspector was informed by ABF personnel Wang Wen Bin that ZPMC would not be performing MT inspection on this shift due to other obligations but would perform the MT tomorrow 8-21-08 and would inform Caltrans for witnessing.

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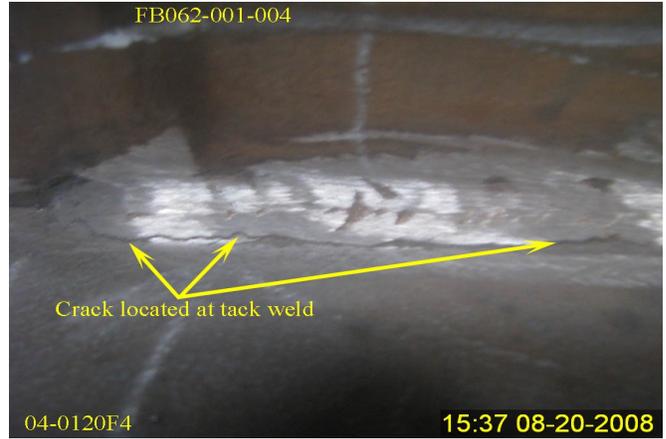
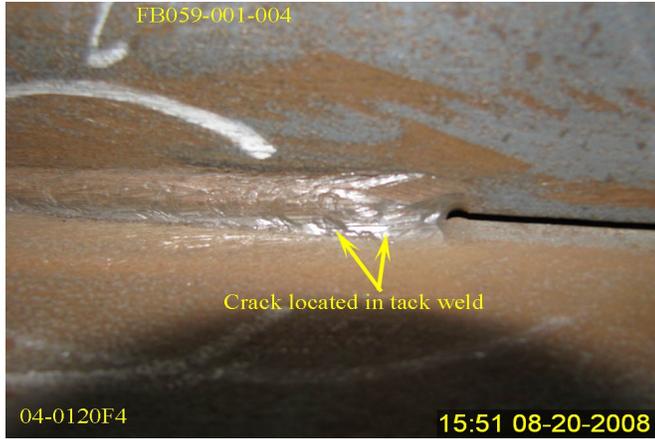
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# WELDING INSPECTION REPORT

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## Summary of Conversations:

As stated above.

## 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 Ady Velasco , 1-381-694-2685, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Riley, Ken	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon, Albert	QA Reviewer

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