

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000678**Date Inspected:** 19-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1330**Contractor:** American Bridge/Fluor (ABF)**Location:** Benicia, CA**CWI Name:** Michael Johnson**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:** PQR Test Plate**Summary of Items Observed:**

Caltrans QA Inspector, Ken Jobes, observed the preparation of three PQR test plates for shipment and provided the following TL-101's: ABF-PQR-019-1, Lot No. B93-002-07; ABF-PQR-019-2, Lot No. B93-003-07; and ABF-PQR-025-2C, Lot No. B93-004-07.

Caltrans QA Inspector, Ken Jobes, also observed the fit-up and welding of the root pass on ABF-PQR-027-1A at the Ironworker's Apprentice Training Facility in Benicia, CA. American Welding Society (AWS) Certified Welding Inspector (CWI), Michael Johnson (CWI No. 95010391) and AWS CWI Bill Norris (CWI No. 90011341) were present during the test. Bill Norris recorded all applicable parameters. This test plate was welded in the overhead (4G) welding position. Test plate is scheduled to be completed on Tuesday, October 23, 2007.

**Summary of Conversations:****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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

**Inspected By:** Jobes, Kenneth

Quality Assurance Inspector

**Reviewed By:** Mertz, Robert

QA Reviewer