

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 01.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000328**Date Inspected:** 03-Aug-2007**Project Name:** SAS Superstructure**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Arrival Time:** 800**OSM Departure Time:** 1430**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:** Procedure Qualification Plates (PQR)**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Danny C. White (B89) is present at the Ironworkers Apprenticeship Training Facility as requested by ABF for the continuing purpose of witnessing Procedure Qualification Record (PQR) tests. On this date, the QA Inspector observed the following personnel present: Smith-Emery Company's Quality Control (QC) Representative Certified Welding Inspector (CWI) Mr. Michael Johnson, ABF Representatives Mr. Tommy Gibson, Mr. Rick Clayborn and welder Mr. Dan Gordon.

The QA Inspector met with QC Representative Mr. Michael Johnson at the Ironworkers Apprenticeship Training Facility and was informed that welding would be performed on a fixture to support practice plates in the overhead (4G) position and possibly a pretest 4G plate later in the shift. The QA Inspector informed Mr. Johnson that destructive testing was scheduled at Consolidated Engineering Laboratories in Oakland, CA at 0900 that morning. The QA Inspector left the Ironworkers Apprenticeship Training Facility and arrived at Consolidated Engineering Laboratories as scheduled.

The QA Inspector witnessed destructive testing of four PQR test plates identified as ABF-PQR-014-1C, ABF-PQR-016-1B ABF-PQR-020-1 and ABF-PQR-020-2 at Consolidated Engineering Laboratories in Oakland, CA. See Caltrans Welding Witness Report, TL-6032 generated on this date for additional information.

The QA Inspector returned later in the shift and observed that a fixture was fabricated for the upcoming PQR test plates that will be welded in the 4G position. The QA Inspector observed that no other welding for the project had taken place that day.

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Summary of Conversations:

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

Inspected By:	White,Danny	Quality Assurance Inspector
Reviewed By:	Mertz,Robert	QA Reviewer
