

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 #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-028046**Date Inspected:** 20-Jul-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** See below.**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:**

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

On 07/20/12 this QA met with QA William Clifford at the SAS Tower Shear Plate weld area on the 9m elevation in order to continue review of Caltrans approved supplemental Ultrasonic Testing (UT) procedure SE-UT-D1. 5-CT-108-ESW-R5. This supplemental procedure was being used by QA and Quality Control personnel to ascertain the location and orientation of recordable indications in tower Electroslag (ESW) shear plate welds.

At approximately 10:30am this QA was informed by Task Leader Bill Levell that all work, including welding, excavation, ultrasonic testing, magnetic particle testing, and QA/QC observation would be halted at 12:00pm on this day. Work on the tower area would be put on hold for a period lasting approximately six weeks and all current personnel were to be reassigned to the orthotropic box girder east end section until further notice. All QA equipment for Ultrasonic Testing (UT) and Magnetic Particle Testing (MT) were cleared of the Tower and relocated to the conex box.

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

Summary of Conversations:

Conversations relevant to work performed on this date.

WELDING INSPECTION REPORT

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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 Nina Choy - (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Belford,Fritz	Quality Assurance Inspector
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Reviewed By:	Levell,Bill	QA Reviewer
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