

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 #: 13.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003357**Date Inspected:** 04-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Oregon Iron Works Clackamas, Or.**Location:** Clackamas, Oregon**CWI Name:** Tony Gross**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:** Hinge K components**Summary of Items Observed:**

On this date, Caltrans Quality Assurance Inspector (QA) Danny C. White (B89) was present at Oregon Iron Works (OIW) for the purpose of monitoring fabrication operations of the Hinge K Pipe Beam at the OIW fabrication and welding shop in Clackamas, Oregon.

The QA Inspector randomly observed that third party Quality Control (QC) Inspector Mr. Tony Gross was monitoring welder qualification tests being performed by OIW Welding Operator Mr. Craig Jacobsen, welder identification (WID) J6. The QA Inspector observed that Welding Operator J6 performed welder qualification tests with flux cored arc welding in the vertical (3G) position and hand held submerged arc welding (SAW) in the flat (1G) position. The QA Inspector observed that Mr. Gross utilized a Fluke clamp type meter and a stop watch to monitor the above mentioned tests. See photo below for additional information.

The QA Inspector performed random observations of the 30 foot planer mill in the fabrication shop (Bay #1). The QA Inspector observed that machinist Mr. Scott Jones was machining on the Base-plate component marked a110-2 for this job.

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Summary of Conversations:

No pertinent conversations took place.

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 Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By:	White,Danny	Quality Assurance Inspector
Reviewed By:	Wright,Mark	QA Reviewer
