

*sd*

**Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 3/7/2014**

---

**Instrument Serial Number: 010490**

**As of 07-Mar-14**

---

| <b>Start Date</b> | <b>End Date</b> | <b>Agency Name</b> |
|-------------------|-----------------|--------------------|
| 06-Mar-14         |                 | DFS Central Lab    |
| 19-Aug-09         | 06-Mar-14       | South Boston PD    |
| 27-May-08         | 19-Aug-09       | DFS Central Lab    |

5/23

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 010490      Worksheet Start Date: 3/6/2014

Location: South Boston PD

Address: 640 Hamilton Blvd South Boston VA 24592

DFS Technician: Sarah Dersch      License No.: 24178

Laboratory       On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 756      Reference Barometer (mm HG): 760

Reference Barometer(RB)Serial #: 0009111      RB Calibration Due: 5/23/2014

### Measurement Assurance Check

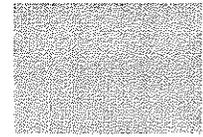
|                             |                  |                   |                   |                 |       |
|-----------------------------|------------------|-------------------|-------------------|-----------------|-------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> | 0.302 |
| 0.300                       | 0.298            | 0.289             | 0.306             | <b>Sample 2</b> | 0.302 |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> | 0.302 |
| 0                           |                  | 0.302             | 0.302             |                 |       |

|                             |                  |                   |                   |                 |       |
|-----------------------------|------------------|-------------------|-------------------|-----------------|-------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> | 0.101 |
| 0.100                       | 0.099            | 0.096             | 0.102             | <b>Sample 2</b> | 0.101 |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> | 0.101 |
| 0                           |                  | 0.101             | 0.101             |                 |       |

Dry gas standard Lot No. (with tank no.): AG227501-20

- Replaced dry gas standard (+O-ring)
- Installed at Location
- Removed to DFS-Central

- Supplies
- Mouthpieces
- Certificates of Analysis
- Operator Worksheet
- Other:



Notes:

[Redacted area]

Instrument Serial Number

010490

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

|                             |                  |                   |                   |                 |
|-----------------------------|------------------|-------------------|-------------------|-----------------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> |
| 0.250                       |                  | 0.000             | 0.000             | <b>Sample 2</b> |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> |
| 0                           |                  | 0.000             | 0.000             |                 |

|                             |                  |                   |                   |                 |
|-----------------------------|------------------|-------------------|-------------------|-----------------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> |
| 0.150                       |                  | 0.000             | 0.000             | <b>Sample 2</b> |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> |
| 0                           |                  | 0.000             | 0.000             |                 |

|                             |                  |                   |                   |                 |
|-----------------------------|------------------|-------------------|-------------------|-----------------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> |
| 0.080                       |                  | -0.003            | 0.003             | <b>Sample 2</b> |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> |
| 0                           |                  | 0.000             | 0.000             |                 |

|                             |                  |                   |                   |                 |
|-----------------------------|------------------|-------------------|-------------------|-----------------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> |
| 0.020                       |                  | -0.003            | 0.003             | <b>Sample 2</b> |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> |
| 0                           |                  | 0.000             | 0.000             |                 |

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

3/7/14

Issuing Analyst

Date

3/7/14

72



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

|  |                          |
|--|--------------------------|
| NAME OF ACCUSED<br><br>INSTRUMENT, TEST, | NAME OF COURT<br><br>DFS |
|--|--------------------------|

**BREATH ANALYSIS**

|   |                                   |                                       |
|---|-----------------------------------|---------------------------------------|
| SAMPLE EXAMINED AND TEST CONDUCTED BY<br><br>DERSCH, SARAH, E |                                   | AGENCY<br><br>DFS Central Lab         |
| DFS LICENSE NUMBER<br><br>24178                               | LICENSE EXPIRES<br><br>10/01/2014 | DATE TEST CONDUCTED<br><br>03/06/2014 |
| TEST EQUIPMENT NUMBER<br><br>010490                           |                                   |                                       |

RESULTS: TIME SAMPLE TAKEN 11:41 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

**ATTEST:**

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

|                      |
|----------------------|
| BREATH TEST OPERATOR |
|----------------------|

I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE

Intox EC/IR-II: Accuracy Check

fd

Department of Forensic Science

Serial Number: 010490 Test Number: 578

Test Date: 03/06/2014 Test Time: 11:45 EST

Dry Gas Target: 0.099

Lot Number: AG227501-20 Exp Date: 10/01/2014

Tank Pressure: 375 psi Barometric Pressure: 755 mmHg

System Check: Passed

| Test | g/210L | Time  |
|------|--------|-------|
| BLK  | 0.000  | 11:47 |
| CHK  | 0.101  | 11:47 |
| BLK  | 0.000  | 11:49 |
| CHK  | 0.101  | 11:50 |
| BLK  | 0.000  | 11:51 |
| CHK  | 0.101  | 11:52 |

Test Status: Success

Calibration CRC: D62CC7E5

SL

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010490      Test Number: 579

Test Date: 03/06/2014      Test Time: 11:56 EST

Dry Gas Target: 0.298

Lot Number: AG321804-04      Exp Date: 08/06/2015

Tank Pressure: 242 psi      Barometric Pressure: 755 mmHg

System Check: *Passed*

| Test | g/210L | Time  |
|------|--------|-------|
| BLK  | 0.000  | 11:57 |
| CHK  | 0.302  | 11:58 |
| BLK  | 0.000  | 12:00 |
| CHK  | 0.302  | 12:01 |
| BLK  | 0.000  | 12:03 |
| CHK  | 0.302  | 12:04 |

Test Status: *Success*

Calibration CRC: D62CC7E5