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**Department of Forensic Science**  
**Breath Alcohol Section**  
**Instrument Location History**  
**1/1/1990 To 7/24/2014**

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**Instrument Serial Number: 010563**

**As of 24-Jul-14**

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<b>Start Date</b>	<b>End Date</b>	<b>Agency Name</b>
22-Jul-14		DFS Central Lab
23-Nov-09	22-Jul-14	Caroline County SO
29-Sep-09	23-Nov-09	DFS Central Lab
20-Apr-09	29-Sep-09	Chesapeake PD
23-Jun-08	20-Apr-09	DFS Central Lab

Red

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010563** Worksheet Start Date **7/22/2014**  
 Location **Caroline Co SO**  
 Address **117 Ennis St Bowling Green VA 22427**  
 DFS Technician **Sarah Dersch** License No. **24178**  
 Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **758** Reference Barometer (mm HG) **760**  
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

### Measurement Assurance Check

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.303
0.300	0.299	0.290	0.307	<b>Sample 2</b>	0.303
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.303
0		0.303	0.303		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.101
0.100	0.100	0.097	0.103	<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.) **AG332301-28**

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

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:



Notes:

[Large shaded area for notes]

Instrument Serial Number

010563

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

*[Handwritten Signature]*

Date

*7/24/15*

Issuing Analyst

*[Handwritten Signature]*  
*TLN*

Date

*7/24/15*

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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  INSTRUMENT, TEST,	NAME OF COURT  DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY  DERSCH, SARAH, E		AGENCY  DFS Central Lab
DFS LICENSE NUMBER  24178	LICENSE EXPIRES  10/01/2014	DATE TEST CONDUCTED  07/22/2014
TEST EQUIPMENT NUMBER  010563	[REDACTED]	

RESULTS: TIME SAMPLE TAKEN 12:40 EDT

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
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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



# IntoxNet MIS Report

Report Generated 22 Jul 2014 at 13:04

*ML*

## Test Results

**Instrument Serial Number 010563**

**Test # 000476**      **Subject Test**

**Test Location 1** Department of  
Test Date 22 Jul 2014

**Test Location 2** Forensic Science  
Test Time 12:33  
Remote/Local Local

**Test Location 3**  
System Check Passed

**Operator's Last Name** DERSCH  
Agency DFS Central Lab

**Operator's First Name** SARAH

**Operator's Middle Initial** E

**Card Serial Number** 124178

**License Number** 24178

**Effective Date** 10/01/2012

**Expiration Date** 10/01/2014

**Subject's Last Name** INSTRUMENT

**Subject's First Name** TEST

**Subject's Middle Initial**

**Subject's Date of Birth** 00/00/0000

**Subject's Sex** Male

**Driver's License Number**

**Driver's License Expiration** 00/00/0000

**Driver's License State**

**Court Name** DFS

**End Date** 22 Jul 2014      **End Time** 12:41

**Result Time** 12:40

**Result Date** 22 Jul 2014

**Result** 0.00

**Data Type** DIAG

**Sample Value** Pass

**Sample Time** 12:34

**Data Type** BLK

**Sample Value** 0.000

**Sample Time** 12:35

**Data Type** CHK

**Sample Value** 0.101

**Sample Time** 12:35

**Data Type** BLK

**Sample Value** 0.000

**Sample Time** 12:37

**Data Type** SUBJ

**Sample Value** 0.000

**Sample Time** 12:37

**Data Type** BLK

**Sample Value** 0.000

**Sample Time** 12:38

**Data Type** SUBJ

**Sample Value** 0.000

**Sample Time** 12:40

**Data Type** BLK

**Sample Value** 0.000

**Sample Time** 12:41

**Standard Type** Dry Gas Std

**Standard Value** 0.100

**Standard Lot Number** AG332301-28

**Standard Expiration Date** 11/19/2015

**Tank Pressure** 1120

**Barometric Pressure** 758 mmHg

**Blow Sample Number** 1      **Blow Duration** 2.70 sec

**Blow Volume** 1854 cc

**End-of-Blow Time** 12:37

**Blow Sample Number** 2      **Blow Duration** 3.61 sec

**Blow Volume** 2092 cc

**End-of-Blow Time** 12:40

**Tamper Evident Stamp** 270d1335

**Test Status Code** 0

**Test Status** Success

*pd*

Intox EC/IR-II: Accuracy Check

*Department of Forensic Science*

Serial Number: 010563      Test Number: 477  
Test Date: 07/22/2014      Test Time: 12:42 EDT  
Dry Gas Target: 0.100

Lot Number: AG332301-28      Exp Date: 11/19/2015

Tank Pressure: 1120 psi      Barometric Pressure: 758 mmHg  
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:43
CHK	0.101	12:44
BLK	0.000	12:45
CHK	0.101	12:46
BLK	0.000	12:48
CHK	0.101	12:48

Test Status: *Success*

Calibration CRC: 05F416BB

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010563      Test Number: 478  
Test Date: 07/22/2014      Test Time: 12:51 EDT  
Dry Gas Target: 0.299

Lot Number: AG334603-03      Exp Date: 12/12/2015  
Tank Pressure: 174 psi      Barometric Pressure: 758 mmHg  
System Check: Passed

Test	g/210L	Time
BLK	0.000	12:52
CHK	0.303	12:53
BLK	0.000	12:55
CHK	0.303	12:55
BLK	0.000	12:57
CHK	0.303	12:58

Test Status: Success

Calibration CRC: 05F416BB