

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 3/10/2014

*fid*

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Instrument Serial Number: 010519 As of 10-Mar-14

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Start Date	End Date	Agency Name
06-Mar-14		Halifax County Sheriff's Office
12-Apr-13	06-Mar-14	DFS Central Lab
26-Jul-12	12-Apr-13	Bedford County SO
20-Jun-12	26-Jul-12	DFS Central Lab
21-Jan-11	20-Jun-12	Bedford County SO
13-May-09	21-Jan-11	DFS Central Lab
04-Dec-08	13-May-09	Roanoke County Sheriff's Office
02-Jun-08	04-Dec-08	DFS Central Lab

hal

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010519** Worksheet Start Date **3/6/2014**  
 Location **Halifax ADC**  
 Address **1010 Blue Ridge Ln, Halifax, VA 24558**  
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **753** Reference Barometer (mm HG) **757**  
 Reference Barometer(RB)Serial # **009111** 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	0.297	0.288	0.305	<b>Sample 2</b>	0.300
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.299
0.003		0.299	0.302		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.098
0.100	0.099	0.096	0.102	<b>Sample 2</b>	0.098
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.098
0		0.098	0.098		

Dry gas standard Lot No. (with tank no.) **AG316301-19**

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:

50  
 1 packet

Notes:

[Redacted area]

Instrument Serial Number

010519

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

3/10/14

Issuing Analyst

Date

3/10/14

AD

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

*Department of Forensic Science*

Serial Number: 010519      Test Number: 727

Test Date: 03/06/2014      Test Time: 14:12 EST

Dry Gas Target: 0.297

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

Tank Pressure: 218 psi      Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:13
CHK	0.302	14:14
BLK	0.000	14:15
CHK	0.300	14:16
BLK	0.000	14:17
CHK	0.299	14:18

Test Status: *Success*

Calibration CRC: F12739EA

*JS*

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

*Department of Forensic Science*

Serial Number: 010519      Test Number: 728

Test Date: 03/06/2014      Test Time: 14:21 EST

Dry Gas Target: 0.099

Lot Number: AG316301-19      Exp Date: 06/12/2015

Tank Pressure: 1022 psi      Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:22
CHK	0.098	14:22
BLK	0.000	14:24
CHK	0.098	14:25
BLK	0.000	14:26
CHK	0.098	14:27

Test Status: *Success*

Calibration CRC: F12739EA

JD



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 <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>DERSCH, SARAH, E</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>24178</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>03/06/2014</b>
TEST EQUIPMENT NUMBER <b>010519</b>		

RESULTS: TIME SAMPLE TAKEN **14:34 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
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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



*Sid*

Test Results

Instrument Serial Number 010519

Test # 000729 Subject Test

Test Location 1 Department of  
Test Date 06 Mar 2014

Test Location 2 Forensic Science  
Test Time 14:28  
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  
License Number 24178

Card Serial Number 124178

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 06 Mar 2014 End Time 14:36

Result Time 14:34

Result Date 06 Mar 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:29

Data Type BLK

Sample Value 0.000

Sample Time 14:29

Data Type CHK

Sample Value 0.098

Sample Time 14:30

Data Type BLK

Sample Value 0.000

Sample Time 14:31

Data Type SUBJ

Sample Value 0.000

Sample Time 14:32

Data Type BLK

Sample Value 0.000

Sample Time 14:33

Data Type SUBJ

Sample Value 0.000

Sample Time 14:34

Data Type BLK

Sample Value 0.000

Sample Time 14:35

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG316301-19

Standard Expiration Date 06/12/2015

Tank Pressure 1012

Barometric Pressure 753 mmHg

Blow Sample Number 1 Blow Duration 4.41 sec

Blow Volume 1761 cc End-of-Blow Time 14:32

Blow Sample Number 2 Blow Duration 3.76 sec

Blow Volume 1664 cc End-of-Blow Time 14:34

Tamper Evident Stamp 2e0b93e8

Test Status Code 0

Test Status Success