

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 9/12/2014

DBH  
mm8

Instrument Serial Number: 010416

As of 12-Sep-14

Start Date	End Date	Agency Name
10-Sep-14		Floyd County Sheriff's Office
26-Aug-14	10-Sep-14	DFS Central Lab
19-Mar-14	26-Aug-14	Virginia Beach PD
12-Mar-14	19-Mar-14	DFS Central Lab
10-May-12	12-Mar-14	Chesapeake PD
09-Mar-12	10-May-12	DFS Central Lab
13-Nov-09	09-Mar-12	Colonial Heights PD
02-Oct-09	13-Nov-09	DFS Central Lab
20-Nov-08	02-Oct-09	Page County SO
27-May-08	20-Nov-08	DFS Central Lab

DBH  
mmB

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010416** Worksheet Start Date **9/10/2014**  
 Location **Floyd CO SO**  
 Address **100 E Main St Floyd VA 24091**  
 DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **701** Reference Barometer (mm HG) **700**

Reference Barometer(RB)Serial # **009109** RB Calibration Due **7/28/2015**

### Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.276	0.267	0.284	0.280	0.279	0.278
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0.002		0.278	0.280			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.092	0.089	0.095	0.092	0.092	0.092
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0		0.092	0.092			

Dry gas standard Lot No. (with tank no.) **AG320502-19**

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

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:

**50**

Notes:

[Redacted Notes Area]

Instrument Serial Number

010416

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

*Donald B Hall*

Date

*9/12/14*

Issuing Analyst

*Michelle Buller*

Date

*9/12/14*

*MSK*

Intox EC/IR-II: Accuracy Check

DBH  
mmB

Department of Forensic Science

Serial Number: 010416 Test Number: 1523

Test Date: 09/10/2014 Test Time: 13:10 EDT

Dry Gas Target: 0.276

Lot Number: AG421201-06 Exp Date: 07/31/2016

Tank Pressure: 159 psi Barometric Pressure: 700 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	13:10
CHK	0.280	13:11
BLK	0.000	13:13
CHK	0.279	13:14
BLK	0.000	13:15
CHK	0.278	13:16

Test Status: Success

Calibration CRC: F50C2EF1

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

DBH  
mmB

*Department of Forensic Science*

Serial Number: 010416      Test Number: 1524

Test Date: 09/10/2014      Test Time: 13:18 EDT

Dry Gas Target: 0.092

Lot Number: AG320502-19      Exp Date: 07/24/2015

Tank Pressure: 776 psi      Barometric Pressure: 700 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:19
CHK	0.092	13:20
BLK	0.000	13:21
CHK	0.092	13:22
BLK	0.000	13:23
CHK	0.092	13:24

Test Status: *Success*

Calibration CRC: F50C2EF1

DBH  
mmB



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>
---	-----------------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>HALL, DONALD, B</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>21250</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>09/10/2014</b>
TEST EQUIPMENT NUMBER <b>010416</b>		

RESULTS: TIME SAMPLE TAKEN 13:33 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
----------------------

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

FOR COURT



Test Results

**Instrument Serial Number 010416**

**Test # 001525**      Subject Test

Test Location 1    Department of  
Test Date    10 Sep 2014

Test Location 2    Forensic Science  
Test Time    13:27  
Remote/Local    Local

Test Location 3  
System Check    Passed

Operator's Last Name    HALL  
Agency    DFS Central Lab

Operator's First Name    DONALD

Operator's Middle Initial    B

Card Serial Number    121250

License Number    21250

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    10 Sep 2014      End Time    13:34

Result Time    13:33

Result Date    10 Sep 2014      Result    0.00

Data Type    DIAG

Sample Value    Pass

Sample Time    13:27

Data Type    BLK

Sample Value    0.000

Sample Time    13:28

Data Type    CHK

Sample Value    0.092

Sample Time    13:28

Data Type    BLK

Sample Value    0.000

Sample Time    13:30

Data Type    SUBJ

Sample Value    0.000

Sample Time    13:30

Data Type    BLK

Sample Value    0.000

Sample Time    13:31

Data Type    SUBJ

Sample Value    0.000

Sample Time    13:33

Data Type    BLK

Sample Value    0.000

Sample Time    13:34

Standard Type    Dry Gas Std

Standard Value    0.092

Standard Lot Number    AG320502-19

Standard Expiration Date    07/24/2015

Tank Pressure    767

Barometric Pressure    700 mmHg

Blow Sample Number    1      Blow Duration    3.56 sec

Blow Volume    1816 cc      End-of-Blow Time    13:30

Blow Sample Number    2      Blow Duration    3.57 sec

Blow Volume    1780 cc      End-of-Blow Time    13:33

Tamper Evident Stamp    b64fdc0d

Test Status Code    0

Test Status    Success