

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 1/23/2015

DBH  
MMB

Instrument Serial Number: 010591

As of 23-Jan-15

Start Date	End Date	Agency Name
22-Jan-15		Bristol PD
07-Jan-15	22-Jan-15	DFS Central Lab
30-Jul-14	07-Jan-15	Surry County Sheriff's Office
16-Jul-14	30-Jul-14	DFS Central Lab
13-Oct-11	16-Jul-14	Loudoun County SO
20-Jan-10	13-Oct-11	DFS Central Lab
14-Apr-09	20-Jan-10	Arlington County PD
04-Aug-08	14-Apr-09	DFS Central Lab

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/22/2014 To 1/23/2015

DBH  
mmB

Instrument Serial Number: 010591

As of 23-Jan-15

Maintenance Date	Certification Date	Technician Initials	Remarks
22-Jan-15	13-Jan-15	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
13-Jan-15	13-Jan-15	TLN (25387)	CERTIFIED.
21-Jul-14	21-Jul-14	DBH (21250)	CERTIFIED.
29-Jan-14	29-Jan-14	SED (24178)	CERTIFIED.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010591** Worksheet Start Date **1/22/2015**  
 Location **Bristol PD**  
 Address **415 Cumberland St Bristol VA 24201**  
 DFS Technician **Donald Hall** License No. **21250**  
 Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **725** Reference Barometer (mm HG) **725**  
 Reference Barometer(RB)Serial # **009109** RB Calibration Due **7/28/2015**

### Measurement Assurance Check

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.292
0.300	0.286	0.277	0.294	<b>Sample 2</b>	0.292
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.291
0.001		0.291	0.292		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.096
0.100	0.095	0.092	0.098	<b>Sample 2</b>	0.096
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.096
0		0.096	0.096		

Dry gas standard Lot No. (with tank no.) **AG425201-40**

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

Supplies  
 Mouthpieces **50**  
 Certificates of Analysis **100**  
 Operator Worksheet **50**  
 Other:

### Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010591

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

*1/23/15*

Issuing Analyst

*Michelle Buller*

Date

*1/26/15*

*JPD*

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mmB

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

*Department of Forensic Science*

Serial Number: 010591      Test Number: 918  
Test Date: 01/22/2015      Test Time: 10:14 EST  
Dry Gas Target: 0.286

Lot Number: AG428003-01      Exp Date: 10/07/2016  
Tank Pressure: 105 psi      Barometric Pressure: 725 mmHg  
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:15
CHK	0.292	10:16
BLK	0.000	10:18
CHK	0.292	10:19
BLK	0.000	10:21
CHK	0.291	10:22

Test Status: *Success*

Calibration CRC: FA805C68

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

*Department of Forensic Science*

Serial Number: 010591      Test Number: 919  
Test Date: 01/22/2015      Test Time: 10:24 EST  
                                 Dry Gas Target: 0.095  
Lot Number: AG425201-40      Exp Date: 09/09/2016  
Tank Pressure: 1115 psi      Barometric Pressure: 725 mmHg  
                                 System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:25
CHK	0.096	10:26
BLK	0.000	10:28
CHK	0.096	10:28
BLK	0.000	10:30
CHK	0.096	10:31

Test Status: *Success*

Calibration CRC: FA805C68

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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  INSTRUMENT, TEST,	NAME OF COURT  DFS
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**BREATH ANALYSIS**

SAMPLE EXAMINED AND TEST CONDUCTED BY  HALL, DONALD, B		AGENCY  DFS Central Lab
DFS LICENSE NUMBER  21250	LICENSE EXPIRES  10/01/2016	DATE TEST CONDUCTED  01/22/2015
TEST EQUIPMENT NUMBER  010591		

RESULTS: TIME SAMPLE TAKEN 10:40 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



**IntoxNet MIS Report**  
Report Generated 23 Jan 2015 at 11:47

DBH  
mmB

Test Results

**Instrument Serial Number 010591**

**Test # 000920**      Subject Test

Test Location 1    Department of  
Test Date    22 Jan 2015

Test Location 2    Forensic Science  
Test Time    10:34  
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

Effective Date    10/01/2014

License Number    21250

Expiration Date    10/01/2016

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 Jan 2015      End Time    10:42

Result Time    10:40

Result Date    22 Jan 2015      Result    0.00

Data Type    DIAG

Sample Value    Pass

Sample Time    10:34

Data Type    BLK

Sample Value    0.000

Sample Time    10:35

Data Type    CHK

Sample Value    0.095

Sample Time    10:36

Data Type    BLK

Sample Value    0.000

Sample Time    10:37

Data Type    SUBJ

Sample Value    0.000

Sample Time    10:38

Data Type    BLK

Sample Value    0.000

Sample Time    10:39

Data Type    SUBJ

Sample Value    0.000

Sample Time    10:40

Data Type    BLK

Sample Value    0.000

Sample Time    10:41

Standard Type    Dry Gas Std

Standard Value    0.095

Standard Lot Number    AG425201-40

Standard Expiration Date    09/09/2016

Tank Pressure    1115

Barometric Pressure    725 mmHg

Blow Sample Number    1      Blow Duration    3.71 sec

Blow Volume    2059 cc      End-of-Blow Time    10:38

Blow Sample Number    2      Blow Duration    4.47 sec

Blow Volume    2351 cc      End-of-Blow Time    10:40

Tamper Evident Stamp    3cf74776

Test Status Code    0

Test Status    Success