

DBH  
MMB

**Department of Forensic Science**  
**Breath Alcohol Section**  
**Instrument Maintenance History**  
**1/1/1990 To 7/18/2014**

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**Instrument Serial Number: 010533** **As of 18-Jul-14**

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<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
18-Jul-14	12-Feb-14	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
12-Feb-14	12-Feb-14	MMB (26417)	CERTIFIED.
02-Jan-14	27-Aug-13	MMB (26417)	REPLACED DRY GAS STANDARD.
27-Aug-13	27-Aug-13	MMB (26417)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
11-Mar-13	11-Mar-13	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
12-Oct-12	12-Oct-12	HMS (18910)	CERTIFIED
18-Sep-12	18-Sep-12	SED (24178)	CERTIFIED.
05-Apr-12	05-Apr-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
18-Oct-11	18-Oct-11	DBH (21250)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
24-Jun-11	24-Jun-11	RJP (22428)	CALIBRATED AND CERTIFIED.
24-Jun-11	24-Jun-11	RJP (22428)	CERTIFIED.
26-Apr-11	26-Apr-11	RJP (22428)	CERTIFIED.
17-Nov-10	17-Nov-10	RJP (22428)	CERTIFIED.
06-Aug-10	06-Aug-10	RJP (22428)	REPLACED PRINTER. CALIBRATED AND CERTIFIED.
27-Jul-10	02-Jun-10	RJP (22428)	REPLACED DRY GAS STANDARD.
02-Jun-10	02-Jun-10	RJP (22428)	CERTIFIED
12-May-10	14-Dec-09	NMJ (22392)	REPLACED DRY GAS STANDARD
14-Dec-09	14-Dec-09	RJP (22428)	CERTIFIED
07-Jul-09	07-Jul-09	RJP (22428)	CERTIFIED.
18-May-09	20-Mar-09	RJP (22428)	REPLACED PRINTER.
20-Mar-09	20-Mar-09	RJP (22428)	FIRMWARE/SOFTWARE UPGRADE. CERTIFIED.
17-Oct-08	17-Oct-08	RJP (22428)	CERTIFIED.
01-Oct-08	01-Oct-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DH  
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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010533** Worksheet Start Date **7/18/2014**  
 Location **Ashland PD**  
 Address **601 England St Ashland VA 23005**  
 DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **760** Reference Barometer (mm HG) **760**

Reference Barometer(RB)Serial # **009109** RB Calibration Due **8/1/2014**

### Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.300	0.291	0.309	0.303	0.301	0.301
Precision		sample min	sample max			
0.002		0.301	0.303			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.100	0.097	0.103	0.100	0.100	0.100
Precision		sample min	sample max			
0		0.100	0.100			

Dry gas standard Lot No. (with tank no.) **AG230501-44**

- Replaced dry gas standard (+O-ring)
  - Installed at Location
  - Removed to DFS-Central
- Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:



### Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010533

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

*7/18/14*

Issuing Analyst

*Michelle Bellin*  
*TWN*

Date

*7/25/14*

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>
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**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>07/18/2014</b>
TEST EQUIPMENT NUMBER <b>010533</b>		

RESULTS: TIME SAMPLE TAKEN 12:27 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 18 Jul 2014 at 14:58

DBH  
mms

## Test Results

**Instrument Serial Number 010533**

**Test # 000511**      Subject Test

Test Location 1    Department of  
Test Date    18 Jul 2014

Test Location 2    Forensic Science  
Test Time    12:20  
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

License Number    21250

Card Serial Number    121250

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    18 Jul 2014      End Time    12:28

Result Time    12:27

Result Date    18 Jul 2014

Result    0.00

Data Type    DIAG      Sample Value    Pass      Sample Time    12:21

Data Type    BLK      Sample Value    0.000      Sample Time    12:22

Data Type    CHK      Sample Value    0.100      Sample Time    12:22

Data Type    BLK      Sample Value    0.000      Sample Time    12:24

Data Type    SUBJ      Sample Value    0.000      Sample Time    12:25

Data Type    BLK      Sample Value    0.000      Sample Time    12:26

Data Type    SUBJ      Sample Value    0.000      Sample Time    12:27

Data Type    BLK      Sample Value    0.000      Sample Time    12:28

Standard Type    Dry Gas Std      Standard Value    0.100

Standard Lot Number    AG230501-44      Standard Expiration Date    10/31/2014

Tank Pressure    428      Barometric Pressure    760 mmHg

Blow Sample Number    1      Blow Duration    3.69 sec      Blow Volume    1955 cc      End-of-Blow Time    12:25

Blow Sample Number    2      Blow Duration    3.56 sec      Blow Volume    1914 cc      End-of-Blow Time    12:27

Tamper Evident Stamp    e5d1a17b

Test Status Code    0

Test Status    Success

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**Intox EC/IR-11: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010533      Test Number: 509

Test Date: 07/18/2014      Test Time: 12:03 EDT

Dry Gas Target: 0.300

Lot Number: AG334603-06      Exp Date: 12/12/2015

Tank Pressure: 482 psi      Barometric Pressure: 761 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:04
CHK	0.303	12:05
BLK	0.000	12:07
CHK	0.301	12:07
BLK	0.000	12:09
CHK	0.301	12:10

Test Status: *Success*

Calibration CRC: 6B8F5B56

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**Intox EC/IR-11: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010533      Test Number: 510

Test Date: 07/18/2014      Test Time: 12:12 EDT

Dry Gas Target: 0.100

Lot Number: AG230501-44      Exp Date: 10/31/2014

Tank Pressure: 438 psi      Barometric Pressure: 160 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:13
CHK	0.100	12:14
BLK	0.000	12:15
CHK	0.100	12:16
BLK	0.000	12:17
CHK	0.100	12:18

Test Status: *Success*

Calibration CRC: 6B8F5B56

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mms



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>DES</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>HALL, DONALD, B</b>		AGENCY <b>DES Central Lab</b>
DFS LICENSE NUMBER <b>21250</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>07/18/2014</b>
TEST EQUIPMENT NUMBER <b>010533</b>	[REDACTED]	

RESULTS: TIME SAMPLE TAKEN 11:50 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 18 Jul 2014 at 14:58

DBH  
mmB

Test Results

**Instrument Serial Number 010533**

**Test # 000508** Subject Test

Test Location 1 Department of  
Test Date 18 Jul 2014

Test Location 2 Forensic Science  
Test Time 11:44  
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 18 Jul 2014 End Time 11:51

Result Time 11:50

Result Date 18 Jul 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:44

Data Type BLK

Sample Value 0.000

Sample Time 11:45

Data Type CHK

Sample Value 0.102

Sample Time 11:45

Data Type BLK

Sample Value 0.000

Sample Time 11:47

Data Type SUBJ

Sample Value 0.000

Sample Time 11:47

Data Type BLK

Sample Value 0.000

Sample Time 11:48

Data Type SUBJ

Sample Value 0.000

Sample Time 11:50

Data Type BLK

Sample Value 0.000

Sample Time 11:51

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG230501-44

Standard Expiration Date 10/31/2014

Tank Pressure 443

Barometric Pressure 761 mmHg

Blow Sample Number 1 Blow Duration 4.26 sec

Blow Volume 2283 cc End-of-Blow Time 11:47

Blow Sample Number 2 Blow Duration 4.52 sec

Blow Volume 2426 cc End-of-Blow Time 11:50

Tamper Evident Stamp 86efed52

Test Status Code 0

Test Status Success

Department of Forensic Science  
Breath Alcohol Section  
Trouble Call Log  
7/8/2014 To 7/24/2014

DBH  
mmB

Instrument Serial Number: 010533

24-Jul-14

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**Date:** 17-Jul-14    **Time:** 3:45 PM    **Remote:** True    **Tech:** DBH (21250)    **Location:** Ashland PD

**Indication:** OTHER

**Problem:** OTHER. UPS BACK-UP BATTERY BEEPING.

**Technician Response:** SITE VISIT CONDUCTED. ISSUE RESOLVED.

**Resolution:** NO FURTHER ACTION REQUIRED

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