

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: 012225** **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 DRY GAS STANDARD.
29-Apr-14	12-Feb-14	DBH (21250)	REPLACED DRY GAS STANDARD.
11-Mar-14	12-Feb-14	MMB (26417)	REPLACED E-SEEK CARD READER.
12-Feb-14	12-Feb-14	DBH (21250)	CERTIFIED.
06-Jan-14	27-Aug-13	HMS (18910)	REPLACED DRY GAS STANDARD.
13-Nov-13	27-Aug-13	MMB (26417)	CORRECTED DRY GAS STANDARD LOT NUMBER IN INSTRUMENT MEMORY.
08-Nov-13	27-Aug-13	MMB (26417)	REPLACED DRY GAS STANDARD.
27-Aug-13	27-Aug-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
09-Aug-13	04-Mar-13	MMB (26417)	REPLACED DRY GAS STANDARD.
10-May-13	04-Mar-13	DBH (21250)	REPLACED DRY GAS STANDARD.
04-Mar-13	04-Mar-13	HMS (18910)	MOVED INSTRUMENT TO NEW ROOM IN SAME FACILITY, CERTIFIED, REPLACED DRY GAS STANDARD.
21-Feb-13	21-Feb-13	HMS (18910)	MOVED INSTRUMENT TO NEW ROOM IN SAME FACILITY, CERTIFIED, REPLACED DRY GAS STANDARD.
14-Dec-12	20-Sep-12	TLN (25387)	REPLACED DRY GAS STANDARD. REPLACED PRINTER RIBBON.
20-Sep-12	20-Sep-12	DBH (21250)	CERTIFIED, REPLACED DRY GAS STANDARD.
30-Jul-12	10-Jul-12	DBH (21250)	REPLACED DRY GAS STANDARD.
10-Jul-12	10-Jul-12	DBH (21250)	CERTIFIED.
29-Jun-12	29-Jun-12	TLN (25387)	CALIBRATED, CERTIFIED AND ACCEPTED.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **012225** Worksheet Start Date **7/18/2014**  
 Location **Henrico CO Jail**  
 Address **4301 E Parham Rd Richmond VA 23228**  
 DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **754** 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	0.298	0.289	0.306	0.302	0.302	0.301
Precision		sample min	sample max			
0.001		0.301	0.302			

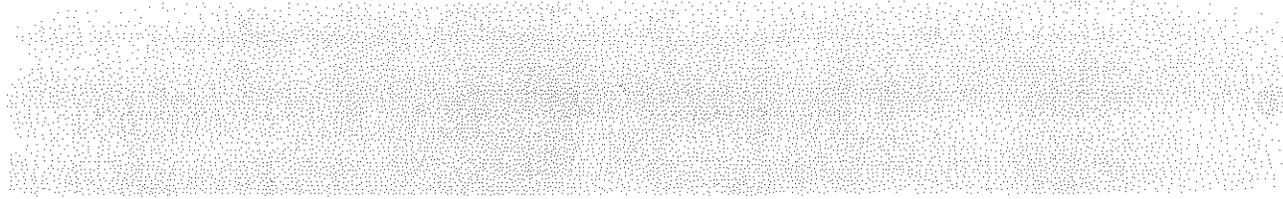
Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.099	0.096	0.102	0.101	0.101	0.100
Precision		sample min	sample max			
0.001		0.100	0.101			

Dry gas standard Lot No. (with tank no.) **AG227501-12**

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

Supplies	
Mouthpieces	200
Certificates of Analysis	200
Operator Worksheet	200
Other:	

Notes:



Instrument Serial Number

012225

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 Belliter*

Date

*7/24/14*

*TLW*

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 012225      Test Number: 2004  
Test Date: 07/18/2014      Test Time: 10:25 EDT  
Dry Gas Target: 0.298  
Lot Number: AG334603-06      Exp Date: 12/12/2015  
Tank Pressure: 502 psi      Barometric Pressure: 754 mmHg  
System Check: Passed

Test	g/210L	Time
BLK	0.000	10:26
CHK	0.302	10:26
BLK	0.000	10:28
CHK	0.302	10:29
BLK	0.000	10:30
CHK	0.301	10:31

Test Status: Success

Calibration CRC: 65149449

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

*Department of Forensic Science*

Serial Number: 012225      Test Number: 2005

Test Date: 07/18/2014      Test Time: 10:34 EDT

Dry Gas Target: 0.099

Lot Number: AG227501-12      Exp Date: 10/01/2014

Tank Pressure: 321 psi      Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:35
CHK	0.101	10:35
BLK	0.000	10:37
CHK	0.101	10:38
BLK	0.000	10:39
CHK	0.100	10:40

Test Status: *Success*

Calibration CRC: 65149449

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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  HALL, DONALD, B		AGENCY  DFS Central Lab
DFS LICENSE NUMBER  21250	LICENSE EXPIRES  10/01/2014	DATE TEST CONDUCTED  07/18/2014
TEST EQUIPMENT NUMBER  012225		

RESULTS: TIME SAMPLE TAKEN 10:49 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 14:57

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Test Results

**Instrument Serial Number 012225**

**Test # 002006**      Subject Test

Test Location 1    Department of  
Test Date    18 Jul 2014

Test Location 2    Forensic Science  
Test Time    10:43  
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    10:50

Result Time    10:49

Result Date    18 Jul 2014

Result    0.00

Data Type    DIAG

Sample Value    Pass

Sample Time    10:43

Data Type    BLK

Sample Value    0.000

Sample Time    10:44

Data Type    CHK

Sample Value    0.100

Sample Time    10:45

Data Type    BLK

Sample Value    0.000

Sample Time    10:46

Data Type    SUBJ

Sample Value    0.000

Sample Time    10:47

Data Type    BLK

Sample Value    0.000

Sample Time    10:48

Data Type    SUBJ

Sample Value    0.000

Sample Time    10:49

Data Type    BLK

Sample Value    0.000

Sample Time    10:50

Standard Type    Dry Gas Std

Standard Value    0.099

Standard Lot Number    AG227501-12

Standard Expiration Date    10/01/2014

Tank Pressure    311

Barometric Pressure    754 mmHg

Blow Sample Number    1      Blow Duration    3.79 sec

Blow Volume    1796 cc      End-of-Blow Time    10:47

Blow Sample Number    2      Blow Duration    6.03 sec

Blow Volume    3188 cc      End-of-Blow Time    10:49

Tamper Evident Stamp    3979c048

Test Status Code    0

Test Status    Success