

**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 4/4/2014**

DBH  
4/4/14  
TLN  
4/14/14

**Instrument Serial Number: 010655**

**As of 04-Apr-14**

Maintenance Date	Certification Date	Technician Initials	Remarks
01-Apr-14	04-Feb-14	DBH (21250)	MOVED INSTRUMENT TO DIFFERENT LOCATION WITHIN SAME FACILITY.
04-Feb-14	04-Feb-14	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
22-Aug-13	22-Aug-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
05-Mar-13	05-Mar-13	SED (24178)	MOVED INSTRUMENT TO NEW LOCATION WITHIN SAME FACILITY. CERTIFIED. REPLACED DRY GAS STANDARD.
18-Sep-12	18-Sep-12	DBH (21250)	CERTIFIED, REPLACED DRY GAS STANDARD.
10-Apr-12	10-Apr-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
01-Nov-11	01-Nov-11	TLN (25387)	CERTIFIED
24-May-11	24-May-11	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
08-Dec-10	08-Dec-10	DBH (21250)	CERTIFIED
23-Jun-10	23-Jun-10	DBH (21250)	CERTIFIED
05-Jan-10	05-Jan-10	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
28-Jul-09	28-Jul-09	DBH (21250)	CERTIFIED.
17-Mar-09	17-Mar-09	DBH (21250)	CERTIFIED.
12-Mar-09	12-Mar-09	NMJ (22392)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
12-Mar-09	12-Mar-09	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DBH  
TLW

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010655** Worksheet Start Date **4/1/2014**  
 Location **Fort AP Hill**  
 Address **14115 Montague Rd Fort AP Hill VA 22427**  
 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) **755**  
 Reference Barometer(RB)Serial # **009109** RB Calibration Due **8/1/2014**

### Measurement Assurance Check

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.301
0.300	0.298	0.289	0.306	<b>Sample 2</b>	0.301
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.301
0		0.301	0.301		

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

Dry gas standard Lot No. (with tank no.) **AG227501-23**

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:



Notes:

Instrument Serial Number

010655

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

*4/2/14*

Issuing Analyst

*[Signature]*

Date

*4/3/14*  
*4/14/14 TLW*

DBH  
TLN

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

*Department of Forensic Science*

Serial Number: 010655      Test Number: 178

Test Date: 04/01/2014      Test Time: 15:56 EDT

Dry Gas Target: 0.298

Lot Number: AG322702-06      Exp Date: 08/15/2015

Tank Pressure: 149 psi      Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:56
CHK	0.301	15:57
BLK	0.000	15:59
CHK	0.301	16:00
BLK	0.000	16:02
CHK	0.301	16:03

Test Status: *Success*

Calibration CRC: C100879B

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

*Department of Forensic Science*

Serial Number: 010655      Test Number: 179

Test Date: 04/01/2014      Test Time: 16:05 EDT

Dry Gas Target: 0.099

Lot Number: AG227501-23      Exp Date: 10/01/2014

Tank Pressure: 159 psi      Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	16:06
CHK	0.101	16:06
BLK	0.000	16:08
CHK	0.100	16:09
BLK	0.000	16:10
CHK	0.100	16:11

Test Status: *Success*

Calibration CRC: C100879B

DBH  
TLW



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>04/01/2014</b>
TEST EQUIPMENT NUMBER <b>010655</b>		

RESULTS: TIME SAMPLE TAKEN 16:20 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 02 Apr 2014 at 09:07

DBH  
TLW

Test Results

**Instrument Serial Number 010655**

**Test # 000180**      Subject Test

Test Location 1 Department of  
Test Date 01 Apr 2014

Test Location 2 Forensic Science  
Test Time 16:14  
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 01 Apr 2014      End Time 16:22

Result Time 16:20

Result Date 01 Apr 2014      Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 16:14

Data Type BLK

Sample Value 0.000

Sample Time 16:15

Data Type CHK

Sample Value 0.100

Sample Time 16:16

Data Type BLK

Sample Value 0.000

Sample Time 16:17

Data Type SUBJ

Sample Value 0.000

Sample Time 16:18

Data Type BLK

Sample Value 0.000

Sample Time 16:19

Data Type SUBJ

Sample Value 0.000

Sample Time 16:20

Data Type BLK

Sample Value 0.000

Sample Time 16:21

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG227501-23

Standard Expiration Date 10/01/2014

Tank Pressure 154

Barometric Pressure 753 mmHg

Blow Sample Number 1      Blow Duration 3.28 sec

Blow Volume 1917 cc      End-of-Blow Time 16:18

Blow Sample Number 2      Blow Duration 3.46 sec

Blow Volume 1788 cc      End-of-Blow Time 16:20

Tamper Evident Stamp adbbd0b9

Test Status Code 0

Test Status Success