

DBH  
mmB

**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 2/11/2014**

**Instrument Serial Number: 010566**

**As of 11-Feb-14**

<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
11-Feb-14	14-Jan-14	DBH (21250)	REPLACED DRY GAS STANDARD.
14-Jan-14	14-Jan-14	TLN (25387)	CERTIFIED.
16-Oct-13	16-Oct-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. REPLACED AND TESTED FUEL CELL MODULE. CALIBRATED AND CERTIFIED.
18-Aug-10	18-Aug-10	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
07-Jun-10	07-Jun-10	HMS (18910)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
03-Jun-10	11-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
06-May-10	11-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
11-Mar-10	11-Mar-10	HMS (18910)	CERTIFIED
23-Feb-10	23-Sep-09	HMS (18910)	REPLACED DRY GAS STANDARD.
18-Dec-09	23-Sep-09	NMJ (22392)	REPLACED DRY GAS STANDARD
23-Sep-09	23-Sep-09	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED.
01-Jul-09	20-Apr-09	HMS (18910)	REPLACED DRY GAS STANDARD.
20-Apr-09	20-Apr-09	HMS (18910)	CERTIFIED.
19-Mar-09	19-Mar-09	NMJ (22392)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
17-Feb-09	17-Feb-09	RJP (22428)	CALIBRATED, CERTIFIED AND ACCEPTED.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010566** Worksheet Start Date **2/11/2014**

Location **Fairfax CO ADC**

Address **10520 Judicial Dr Fairfax VA 22030**

DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **758** Reference Barometer (mm HG) **759**

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	0.299	0.290	0.307	<b>Sample 2</b>	0.299
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.300
0.002		0.299	0.301		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.099
0.100	0.100	0.097	0.103	<b>Sample 2</b>	0.099
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.099
0		0.099	0.099		

Dry gas standard Lot No. (with tank no.) **AG227501-14**

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

010566

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

*2/11/14*

Issuing Analyst

*Michelle Billeter*

Date

*2/18/14*

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**Intox EC/1R-11: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010566      Test Number: 2035

Test Date: 02/11/2014      Test Time: 13:54 EST

Dry Gas Target: 0.299

Lot Number: AG322702-07      Exp Date: 08/15/2015

Tank Pressure: 85 psi      Barometric Pressure: 758 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:55
CHK	0.301	13:55
BLK	0.000	13:57
CHK	0.299	13:58
BLK	0.000	13:59
CHK	0.300	14:00

Test Status: *Success*

Calibration CRC: 681B5049

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Intox EC/IR-11: Accuracy Check

Department of Forensic Science

Serial Number: 010566 Test Number: 2036

Test Date: 02/11/2014 Test Time: 14:04 EST

Dry Gas Target: 0.100

Lot Number: AG227501-14 Exp Date: 10/01/2014

Tank Pressure: 816 psi Barometric Pressure: 758 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	14:05
CHK	0.099	14:06
BLK	0.000	14:07
CHK	0.099	14:08
BLK	0.000	14:09
CHK	0.099	14:10

Test Status: Success

Calibration CRC: 681B5049

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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  <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>02/11/2014</b>
TEST EQUIPMENT NUMBER  <b>010566</b>	[REDACTED]	

RESULTS: TIME SAMPLE TAKEN 14:19 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
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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 11 Feb 2014 at 17:23

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Test Results

**Instrument Serial Number 010566**

Test # 002037 Subject Test

Test Location 1 Department of  
Test Date 11 Feb 2014

Test Location 2 Forensic Science  
Test Time 14:13  
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 11 Feb 2014 End Time 14:21

Result Time 14:19

Result Date 11 Feb 2014

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:13

Data Type BLK

Sample Value 0.000

Sample Time 14:14

Data Type CHK

Sample Value 0.099

Sample Time 14:15

Data Type BLK

Sample Value 0.000

Sample Time 14:16

Data Type SUBJ

Sample Value 0.000

Sample Time 14:17

Data Type BLK

Sample Value 0.000

Sample Time 14:18

Data Type SUBJ

Sample Value 0.000

Sample Time 14:19

Data Type BLK

Sample Value 0.000

Sample Time 14:20

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG227501-14

Standard Expiration Date 10/01/2014

Tank Pressure 811

Barometric Pressure 758 mmHg

Blow Sample Number 1 Blow Duration 3.16 sec

Blow Volume 1862 cc End-of-Blow Time 14:17

Blow Sample Number 2 Blow Duration 4.20 sec

Blow Volume 2351 cc End-of-Blow Time 14:19

Tamper Evident Stamp e07fece7

Test Status Code 0

Test Status Success