

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 8/21/2014

HMS  
mmB

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Instrument Serial Number: 010572 As of 21-Aug-14

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Start Date	End Date	Agency Name
19-Aug-14		Washington County Sheriff's Office
30-Jul-14	19-Aug-14	DFS Central Lab
06-Jan-09	30-Jul-14	Sussex County SO
30-Jun-08	06-Jan-09	DFS Central Lab

AMS  
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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010572 Worksheet Start Date 8/19/2014  
Location Washington County  
Address 15205 Joe Derting Dr., Abingdon, VA 24210  
DFS Technician Heather Stanton License No. 18910

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) 703 Reference Barometer (mm HG) 703  
Reference Barometer(RB)Serial # 009113 RB Calibration Due 4/28/2015

### Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.278	0.269	0.286	0.280	0.279	0.278
Precision		sample min	sample max			
0.002		0.278	0.280			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.093	0.090	0.096	0.092	0.092	0.092
Precision		sample min	sample max			
0		0.092	0.092			

Dry gas standard Lot No. (with tank no.) AG419702-41

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

Supplies

Mouthpieces	50
Certificates of Analysis	50
Operator Worksheet	2 pads
Other:	

Notes:

[Redacted Notes Area]

Instrument Serial Number

010572

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

*Heathu Stach*

Date

*8/21/14*

Issuing Analyst

*Michelle Belliter*

Date

*8/21/14*

*TLV*

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

*Department of Forensic Science*

Serial Number: 010572      Test Number: 515

Test Date: 08/19/2014      Test Time: 15:23 EDT

Dry Gas Target: 0.278

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

Tank Pressure: 105 psi      Barometric Pressure: 703 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:23
CHK	0.280	15:24
BLK	0.000	15:26
CHK	0.279	15:26
BLK	0.000	15:28
CHK	0.278	15:29

Test Status: *Success*

Calibration CRC: 8E7FA4DC

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

*Department of Forensic Science*

Serial Number: 010572      Test Number: 516

Test Date: 08/19/2014      Test Time: 15:32 EDT

Dry Gas Target: 0.093

Lot Number: AG419702-41      Exp Date: 07/16/2016

Tank Pressure: 1120 psi      Barometric Pressure: 703 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:33
CHK	0.092	15:34
BLK	0.000	15:35
CHK	0.092	15:36
BLK	0.000	15:37
CHK	0.092	15:38

Test Status: *Success*

Calibration CRC: 8E7FA4DC

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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  STANTON, HEATHER, M		AGENCY  DFS Central Lab
DFS LICENSE NUMBER  18910	LICENSE EXPIRES  10/01/2014	DATE TEST CONDUCTED  08/19/2014
TEST EQUIPMENT NUMBER  010572		

RESULTS: TIME SAMPLE TAKEN 15:48 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



*HWB*  
*mmB*

Test Results

**Instrument Serial Number 010572**

Test # 000517 Subject Test

Test Location 1 Department of  
Test Date 19 Aug 2014

Test Location 2 Forensic Science  
Test Time 15:42  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name STANTON  
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M

Card Serial Number 118910

License Number 18910

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 19 Aug 2014 End Time 15:49

Result Time 15:48

Result Date 19 Aug 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:42

Data Type BLK

Sample Value 0.000

Sample Time 15:43

Data Type CHK

Sample Value 0.092

Sample Time 15:44

Data Type BLK

Sample Value 0.000

Sample Time 15:45

Data Type SUBJ

Sample Value 0.000

Sample Time 15:46

Data Type BLK

Sample Value 0.000

Sample Time 15:47

Data Type SUBJ

Sample Value 0.000

Sample Time 15:48

Data Type BLK

Sample Value 0.000

Sample Time 15:49

Standard Type Dry Gas Std

Standard Value 0.093

Standard Lot Number AG419702-41

Standard Expiration Date 07/16/2016

Tank Pressure 1120

Barometric Pressure 703 mmHg

Blow Sample Number 1 Blow Duration 3.53 sec

Blow Volume 1712 cc End-of-Blow Time 15:46

Blow Sample Number 2 Blow Duration 3.29 sec

Blow Volume 1580 cc End-of-Blow Time 15:48

Tamper Evident Stamp 8bf79a80

Test Status Code 0

Test Status Success