

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 9/23/2014

*HMS*  
*mmb*

Instrument Serial Number: 010561

As of 23-Sep-14

Start Date	End Date	Agency Name
23-Sep-14		DFS Central Lab
24-Apr-14	23-Sep-14	Prince William County PD
08-Apr-14	24-Apr-14	DFS Central Lab
31-Oct-13	08-Apr-14	Bland County SO
02-Aug-13	31-Oct-13	DFS Central Lab
20-Dec-11	02-Aug-13	Norfolk PD
30-Sep-11	20-Dec-11	DFS Central Lab
01-Apr-09	30-Sep-11	Smyth County SO
23-Jun-08	01-Apr-09	DFS Central Lab

**INTOX EC/IR II  
Quality Assurance Worksheet**

*Handwritten initials: HHO, mmb*

Instrument Serial Number: 010561      Worksheet Start Date: 9/23/2014  
 Location: Prince William County Adult Detention Center  
 Address: 9320 Lee Ave., Manassas, VA 20110  
 DFS Technician: Heather Stanton      License No.: 18910  
 Laboratory       On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 760      Reference Barometer (mm HG): 763  
 Reference Barometer(RB)Serial #: 009113      RB Calibration Due: 4/28/2015

**Measurement Assurance Check**

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.298
0.300	0.300	0.291	0.309	<b>Sample 2</b>	0.298
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.297
0.001		0.297	0.298		

<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.): AG230501-41

- 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

010561

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

*Heath W. Stack*

Date

*9/23/14*

Issuing Analyst

*Michelle Bullock*

Date

*9/24/14*

*fd*

HMS  
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  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  09/23/2014
TEST EQUIPMENT NUMBER  010561		

RESULTS: TIME SAMPLE TAKEN 10:39 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



*HMS*  
*mmB*

Test Results

**Instrument Serial Number 010561**

<b>Test # 001698</b>	<b>Subject Test</b>		
Test Location 1 Department of	Test Location 2 Forensic Science	Test Location 3	
Test Date 23 Sep 2014	Test Time 10:32	System Check Passed	
	Remote/Local Local		
Operator's Last Name STANTON	Operator's First Name HEATHER	Operator's Middle Initial M	
Agency DFS Central Lab	License Number 18910		
Card Serial Number 118910	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		
	Court Name DFS		
End Date 23 Sep 2014	End Time 10:40	Result Time 10:39	Result Date 23 Sep 2014
			Result 0.00
Data Type DIAG	Sample Value Pass		Sample Time 10:33
Data Type BLK	Sample Value 0.000		Sample Time 10:33
Data Type CHK	Sample Value 0.100		Sample Time 10:34
Data Type BLK	Sample Value 0.000		Sample Time 10:35
Data Type SUBJ	Sample Value 0.000		Sample Time 10:36
Data Type BLK	Sample Value 0.000		Sample Time 10:37
Data Type SUBJ	Sample Value 0.000		Sample Time 10:39
Data Type BLK	Sample Value 0.000		Sample Time 10:40
Standard Type Dry Gas Std	Standard Value 0.100		
Standard Lot Number AG230501-41	Standard Expiration Date 10/31/2014		
Tank Pressure 438	Barometric Pressure 760 mmHg		
Blow Sample Number 1	Blow Duration 3.56 sec	Blow Volume 1705 cc	End-of-Blow Time 10:36
Blow Sample Number 2	Blow Duration 3.50 sec	Blow Volume 1697 cc	End-of-Blow Time 10:39
Tamper Evident Stamp c1a80662	Test Status Code 0		
Test Status Success			

HMS  
MMS

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

*Department of Forensic Science*

Serial Number: 010561      Test Number: 1699  
Test Date: 09/23/2014      Test Time: 10:42 EDT  
Dry Gas Target: 0.100

Lot Number: AG230501-41      Exp Date: 10/31/2014  
Tank Pressure: 433 psi      Barometric Pressure: 760 mmHg  
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:43
CHK	0.099	10:44
BLK	0.000	10:46
CHK	0.099	10:46
BLK	0.000	10:48
CHK	0.099	10:48

Test Status: *Success*

Calibration CRC: A1A7F0EA

AMS  
mmB

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

*Department of Forensic Science*

Serial Number: 010561      Test Number: 1700

Test Date: 09/23/2014      Test Time: 11:02 EDT

Dry Gas Target: 0.300

Lot Number: AG421201-01      Exp Date: 07/31/2016

Tank Pressure: 139 psi      Barometric Pressure: 760 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:03
CHK	0.298	11:04
BLK	0.000	11:06
CHK	0.298	11:06
BLK	0.000	11:08
CHK	0.297	11:09

Test Status: *Success*

Calibration CRC: A1A7F0EA