

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 11/7/2014

HWB  
TLV

Instrument Serial Number: 010511

As of 07-Nov-14

Start Date	End Date	Agency Name
05-Nov-14		Roanoke County Sheriff's Office
22-Oct-14	05-Nov-14	DFS Central Lab
20-May-14	22-Oct-14	Rockbridge County SO
30-Apr-14	20-May-14	DFS Central Lab
25-Mar-09	30-Apr-14	Buchanan County SO
19-May-08	25-Mar-09	DFS Central Lab

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
11/5/2013 To 11/5/2014

HMS  
TLW

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Instrument Serial Number: 010511

As of 07-Nov-14

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Maintenance Date	Certification Date	Technician Initials	Remarks
05-Nov-14	24-Oct-14	HMS (18910)	REPLACED PRINTER RIBBON.
24-Oct-14	24-Oct-14	HMS (18910)	CERTIFIED
12-May-14	12-May-14	HMS (18910)	CERTIFIED
15-Nov-13	15-Nov-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED, REPLACED DRY GAS STANDARD.

HLMS  
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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010511** Worksheet Start Date **11/5/2014**

Location **Roanoke County**

Address **401 E. Main St., Salem, VA 24153**

DFS Technician **Heather Stanton** License No. **18910**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **738** Reference Barometer (mm HG) **739**

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	0.291	0.282	0.299	0.296	0.295	0.294
Precision		sample min	sample max			
0.002		0.294	0.296			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.097	0.094	0.100	0.097	0.097	0.097
Precision		sample min	sample max			
0		0.097	0.097			

Dry gas standard Lot No. (with tank no.) **AG425201-20**

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

Supplies

Mouthpieces **150**

Certificates of Analysis

Operator Worksheet

Other:

Notes: **Replaced printer ribbon.**

Instrument Serial Number

010511

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
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

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DFS Technician Heath m Stach Date 11/5/14 11/7/14 HMS

Issuing Analyst JAD Date 11/7/14

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

*Department of Forensic Science*

Serial Number: 010511      Test Number: 516

Test Date: 11/05/2014      Test Time: 11:46 EST

Dry Gas Target: 0.291

Lot Number: AG421201-04      Exp Date: 07/31/2016

Tank Pressure: 218 psi      Barometric Pressure: 738 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:46
CHK	0.296	11:47
BLK	0.000	11:49
CHK	0.295	11:50
BLK	0.000	11:51
CHK	0.294	11:52

Test Status: *Success*

Calibration CRC: 133989ED

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

*Department of Forensic Science*

Serial Number: 010511      Test Number: 517

Test Date: 11/05/2014      Test Time: 11:55 EST

Dry Gas Target: 0.097

Lot Number: AG425201-20      Exp Date: 09/09/2016

Tank Pressure: 1115 psi      Barometric Pressure: 738 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:55
CHK	0.097	11:56
BLK	0.000	11:58
CHK	0.097	11:58
BLK	0.000	12:00
CHK	0.097	12:00

Test Status: *Success*

Calibration CRC: 133989ED

THS  
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>STANTON, HEATHER, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>18910</b>	LICENSE EXPIRES <b>10/01/2016</b>	DATE TEST CONDUCTED <b>11/05/2014</b>
TEST EQUIPMENT NUMBER <b>010511</b>		

RESULTS: TIME SAMPLE TAKEN 12:08 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



*HMS*  
*TLR*

Test Results

**Instrument Serial Number 010511**

<b>Test # 000518</b>	<b>Subject Test</b>	<b>Test Location 2 Forensic Science</b>	<b>Test Location 3</b>
Test Location 1 Department of		Test Time 12:02	System Check Passed
Test Date 05 Nov 2014		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 10/01/2014	Expiration Date 10/01/2016	
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 05 Nov 2014	End Time 12:09	Result Time 12:08	Result Date 05 Nov 2014
		Result 0.00	
Data Type DIAG	Sample Value Pass	Sample Time 12:02	
Data Type BLK	Sample Value 0.000	Sample Time 12:03	
Data Type CHK	Sample Value 0.097	Sample Time 12:04	
Data Type BLK	Sample Value 0.000	Sample Time 12:05	
Data Type SUBJ	Sample Value 0.000	Sample Time 12:06	
Data Type BLK	Sample Value 0.000	Sample Time 12:07	
Data Type SUBJ	Sample Value 0.000	Sample Time 12:08	
Data Type BLK	Sample Value 0.000	Sample Time 12:09	
Standard Type Dry Gas Std	Standard Value 0.097		
Standard Lot Number AG425201-20	Standard Expiration Date 09/09/2016		
Tank Pressure 1120	Barometric Pressure 738 mmHg		
Blow Sample Number 1	Blow Duration 3.56 sec	Blow Volume 1727 cc	End-of-Blow Time 12:06
Blow Sample Number 2	Blow Duration 3.65 sec	Blow Volume 1752 cc	End-of-Blow Time 12:08
Tamper Evident Stamp c1bbd0ae		Test Status Code 0	
Test Status Success			