

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 5/22/2014**

*HMS
TLV*

Instrument Serial Number: 010521

As of 22-May-14

Maintenance Date	Certification Date	Technician Initials	Remarks
19-May-14	18-Dec-13	HMS (18910)	REPLACED UPS BACK-UP BATTERY.
18-Dec-13	18-Dec-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
03-Jul-13	03-Jul-13	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
15-Jan-13	15-Jan-13	SED (24178)	CERTIFIED. REPLACED DRY GAS STANDARD.
26-Jul-12	26-Jul-12	HMS (18910)	CERTIFIED
07-Feb-12	07-Feb-12	HMS (18910)	CERTIFIED
17-Aug-11	17-Aug-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
10-Mar-11	10-Mar-11	HMS (18910)	CERTIFIED
29-Sep-10	29-Sep-10	HMS (18910)	CERTIFIED
06-Jul-10	13-Apr-10	HMS (18910)	REPLACED DRY GAS STANDARD.
13-Apr-10	13-Apr-10	HMS (18910)	CERTIFIED
28-Oct-09	28-Oct-09	RJP (22428)	CERTIFIED.
13-May-09	13-May-09	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
04-Dec-08	04-Dec-08	HMS (18910)	CERTIFIED.
20-Nov-08	20-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

AMS
TLW

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010521** Worksheet Start Date **5/19/2014**

Location **Vinton Police Department**

Address **311 S. Pollard St., Vinton, VA 24179**

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

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **740** Reference Barometer (mm HG) **742**

Reference Barometer(RB)Serial # **009113** RB Calibration Due **4/28/2015**

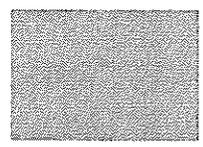
Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.292	0.283	0.300	0.297	0.297	0.296
Precision		sample min	sample max			
0.001		0.296	0.297			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.097	0.094	0.100	0.099	0.099	0.099
Precision		sample min	sample max			
0		0.099	0.099			

Dry gas standard Lot No. (with tank no.) **AG219101-09**

- Replaced dry gas standard (+O-ring)
 - Installed at Location
 - Removed to DFS-Central
- Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010521

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

DFS Technician

Heather A. Stark

Date

5/22/14

Issuing Analyst

[Signature]

Date

5/27/14

MSK



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

*HMS
5/27/14
TLW*

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 05/19/2014
TEST EQUIPMENT NUMBER 010521		

RESULTS: TIME SAMPLE TAKEN 16:35 EDT
 SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

*Replaced UPS Back-up battery.
HMS
5/19/14*

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

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 22 May 2014 at 11:10

Handwritten initials/signature

Test Results

Instrument Serial Number 010521

Test # 000609 **Subject Test**

Test Location 1 Department of
Test Date 19 May 2014

Test Location 2 Forensic Science
Test Time 16:28
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name STANTON
Agency DFS Central Lab
Card Serial Number 118910
Subject's Last Name INSTRUMENT
Subject's Middle Initial
Driver's License Number
Driver's License State

Operator's First Name HEATHER
Operator's Middle Initial M
License Number 18910
Effective Date 10/01/2012
Expiration Date 10/01/2014
Subject's First Name TEST
Subject's Date of Birth 00/00/0000
Subject's Sex Male
Driver's License Expiration 00/00/0000
Court Name DFS

End Date 19 May 2014	End Time 16:36	Result Time 16:35	Result Date 19 May 2014	Result 0.00
Data Type DIAG		Sample Value Pass	Sample Time 16:29	
Data Type BLK		Sample Value 0.000	Sample Time 16:29	
Data Type CHK		Sample Value 0.100	Sample Time 16:30	
Data Type BLK		Sample Value 0.000	Sample Time 16:32	
Data Type SUBJ		Sample Value 0.000	Sample Time 16:32	
Data Type BLK		Sample Value 0.000	Sample Time 16:33	
Data Type SUBJ		Sample Value 0.000	Sample Time 16:35	
Data Type BLK		Sample Value 0.000	Sample Time 16:36	

Standard Type Dry Gas Std Standard Value 0.097
Standard Lot Number AG219101-09 Standard Expiration Date 07/09/2014
Tank Pressure 281 Barometric Pressure 740 mmHg

Blow Sample Number 1	Blow Duration 3.28 sec	Blow Volume 1774 cc	End-of-Blow Time 16:32
Blow Sample Number 2	Blow Duration 3.31 sec	Blow Volume 1778 cc	End-of-Blow Time 16:35
Tamper Evident Stamp 48dbdd53		Test Status Code 0	
Test Status Success			

AKES
TKW

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010521 Test Number: 610

Test Date: 05/19/2014 Test Time: 16:46 EDT

Dry Gas Target: 0.292

Lot Number: AG334603-01 Exp Date: 12/12/2015

Tank Pressure: 183 psi Barometric Pressure: 740 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	16:47
CHK	0.297	16:47
BLK	0.000	16:49
CHK	0.297	16:50
BLK	0.000	16:52
CHK	0.296	16:53

Test Status: *Success*

Calibration CRC: EB091AA5

HW
TLW

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010521 Test Number: 611

Test Date: 05/19/2014 Test Time: 16:55 EDT

Dry Gas Target: 0.097

Lot Number: AG219101-09 Exp Date: 07/09/2014

Tank Pressure: 281 psi Barometric Pressure: 739 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	16:56
CHK	0.099	16:57
BLK	0.000	16:58
CHK	0.099	16:59
BLK	0.000	17:00
CHK	0.099	17:01

Test Status: *Success*

Calibration CRC: EB091AA5

Handwritten initials: **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 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 05/19/2014
TEST EQUIPMENT NUMBER 010521		

RESULTS: TIME SAMPLE TAKEN 17:09 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

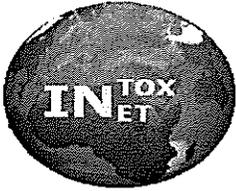
I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO 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

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

FOR COURT



ATMS
TLW

Test Results

Instrument Serial Number 010521

Test # 000612 **Subject Test**

Test Location 1 Department of
Test Date 19 May 2014

Test Location 2 Forensic Science
Test Time 17:02
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 May 2014 **End Time** 17:10

Result Time 17:09

Result Date 19 May 2014

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 17:03

Data Type BLK

Sample Value 0.000

Sample Time 17:04

Data Type CHK

Sample Value 0.099

Sample Time 17:04

Data Type BLK

Sample Value 0.000

Sample Time 17:06

Data Type SUBJ

Sample Value 0.000

Sample Time 17:06

Data Type BLK

Sample Value 0.000

Sample Time 17:07

Data Type SUBJ

Sample Value 0.000

Sample Time 17:09

Data Type BLK

Sample Value 0.000

Sample Time 17:10

Standard Type Dry Gas Std

Standard Value 0.097

Standard Lot Number AG219101-09

Standard Expiration Date 07/09/2014

Tank Pressure 272

Barometric Pressure 739 mmHg

Blow Sample Number 1 **Blow Duration** 3.57 sec

Blow Volume 1732 cc **End-of-Blow Time** 17:06

Blow Sample Number 2 **Blow Duration** 3.73 sec

Blow Volume 1725 cc **End-of-Blow Time** 17:09

Tamper Evident Stamp 37515df8

Test Status Code 0

Test Status Success