

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
12/2/2013 To 12/2/2014

HMS
MMB

Instrument Serial Number: 010491 As of 04-Dec-14

Maintenance Date	Certification Date	Technician Initials	Remarks
02-Dec-14	03-Nov-14	HMS (18910)	REPLACED UPS BACK-UP BATTERY.
03-Nov-14	03-Nov-14	DBH (21250)	REPLACED DRY GAS SOLENOID VALVE. FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.

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

mmB

Instrument Serial Number **010491** Worksheet Start Date **12/2/2014**
 Location **Montgomery County**
 Address **16 N Franklin St., Christiansburg, VA 24073**
 DFS Technician **Heather Stanton** License No. **18910**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **715** Reference Barometer (mm HG) **718**
 Reference Barometer(RB)Serial # **009113** RB Calibration Due **4/28/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.285
0.300	0.282	0.273	0.290	Sample 2	0.284
Precision		sample min	sample max	Sample 3	0.283
0.002		0.283	0.285		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.093
0.100	0.094	0.091	0.097	Sample 2	0.093
Precision		sample min	sample max	Sample 3	0.093
0		0.093	0.093		

Dry gas standard Lot No. (with tank no.) **AG406301-26**

- 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.

JAD

Instrument Serial Number

010491

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 Heath A. Starks Date 12/4/14

Issuing Analyst Michelle Bell Date 12/5/14

AMS
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
--	--------------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 12/02/2014
TEST EQUIPMENT NUMBER 010491		

RESULTS: TIME SAMPLE TAKEN 10:32 EST

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

Preplaced UPS back-up battery.

AMS
12/2/14

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 04 Dec 2014 at 18:27

Handwritten initials: LMS
mmB

Test Results

Instrument Serial Number 010491

Test # 000835 Subject Test

Test Location 1 Department of
Test Date 02 Dec 2014

Test Location 2 Forensic Science
Test Time 10:26
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 10/01/2014
Expiration Date 10/01/2016
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 02 Dec 2014	End Time 10:33	Result Time 10:32	Result Date 02 Dec 2014	Result 0.00
Data Type DIAG		Sample Value Pass		Sample Time 10:26
Data Type BLK		Sample Value 0.000		Sample Time 10:27
Data Type CHK		Sample Value 0.094		Sample Time 10:28
Data Type BLK		Sample Value 0.000		Sample Time 10:29
Data Type SUBJ		Sample Value 0.000		Sample Time 10:30
Data Type BLK		Sample Value 0.000		Sample Time 10:31
Data Type SUBJ		Sample Value 0.000		Sample Time 10:32
Data Type BLK		Sample Value 0.000		Sample Time 10:33

Standard Type Dry Gas Std
Standard Lot Number AG406301-26
Tank Pressure 723
Standard Value 0.094
Standard Expiration Date 03/04/2016
Barometric Pressure 715 mmHg

Blow Sample Number 1	Blow Duration 3.48 sec	Blow Volume 1755 cc	End-of-Blow Time 10:30
Blow Sample Number 2	Blow Duration 3.86 sec	Blow Volume 1914 cc	End-of-Blow Time 10:32
Tamper Evident Stamp e9b153f8		Test Status Code 0	
Test Status Success			

Handwritten:
HMS
mmB

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010491 Test Number: 836

Test Date: 12/02/2014 Test Time: 10:42 EST

Dry Gas Target: 0.282

Lot Number: AG428003-11 Exp Date: 10/07/2016

Tank Pressure: 497 psi Barometric Pressure: 715 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:43
CHK	0.285	10:44
BLK	0.000	10:46
CHK	0.284	10:46
BLK	0.000	10:48
CHK	0.283	10:48

Test Status: *Success*

Calibration CRC: FEBCC61C

110
mmB

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010491 Test Number: 837

Test Date: 12/02/2014 Test Time: 10:51 EST

Dry Gas Target: 0.094

Lot Number: AG406301-26 Exp Date: 03/04/2016

Tank Pressure: 718 psi Barometric Pressure: 715 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:52
CHK	0.093	10:52
BLK	0.000	10:54
CHK	0.093	10:55
BLK	0.000	10:56
CHK	0.093	10:57

Test Status: *Success*

Calibration CRC: FEBCC61C

ANS
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
--------------------------------------	----------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 12/02/2014
TEST EQUIPMENT NUMBER 010491		

RESULTS: TIME SAMPLE TAKEN 11:04 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

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 04 Dec 2014 at 18:27

Handwritten: LMS
mmB

Test Results

Instrument Serial Number 010491

Test # 000838 Subject Test

Test Location 1 Department of
Test Date 02 Dec 2014

Test Location 2 Forensic Science
Test Time 10:58
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 N

Card Serial Number 118910

Effective Date 10/01/2014

License Number 18910

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 02 Dec 2014 End Time 11:05

Result Time 11:04

Result Date 02 Dec 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 10:58

Data Type BLK

Sample Value 0.000

Sample Time 10:59

Data Type CHK

Sample Value 0.093

Sample Time 11:00

Data Type BLK

Sample Value 0.000

Sample Time 11:01

Data Type SUBJ

Sample Value 0.000

Sample Time 11:02

Data Type BLK

Sample Value 0.000

Sample Time 11:03

Data Type SUBJ

Sample Value 0.000

Sample Time 11:04

Data Type BLK

Sample Value 0.000

Sample Time 11:05

Standard Type Dry Gas Std

Standard Value 0.094

Standard Lot Number AG406301-26

Standard Expiration Date 03/04/2016

Tank Pressure 708

Barometric Pressure 715 mmHg

Blow Sample Number 1 Blow Duration 3.56 sec

Blow Volume 1825 cc End-of-Blow Time 11:02

Blow Sample Number 2 Blow Duration 3.77 sec

Blow Volume 1853 cc End-of-Blow Time 11:04

Tamper Evident Stamp 54e6ffd5

Test Status Code 0

Test Status Success