

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 7/9/2014**

*HMS
TLN*

Instrument Serial Number: 010551 **As of 09-Jul-14**

Maintenance Date	Certification Date	Technician Initials	Remarks
08-Jul-14	27-Feb-14	HMS (18910)	REPLACED UPS BACK-UP BATTERY.
27-Feb-14	27-Feb-14	DBH (21250)	CERTIFIED.
04-Oct-13	04-Oct-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
02-Jul-13	02-Jul-13	DBH (21250)	CERTIFIED.
12-Apr-13	12-Apr-13	MMB (26417)	REPLACED UPS BACK-UP BATTERY. CERTIFIED.
23-Oct-12	23-Oct-12	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
29-Aug-12	29-Aug-12	SED (24178)	CERTIFIED.
13-Jul-12	13-Jul-12	ABL (19532)	CERTIFIED
13-Jun-12	13-Jun-12	MSK (21355)	RELOADED FIRMWARE/SOFTWARE, CALIBRATED, AND CERTIFIED.
09-Apr-12	09-Apr-12	TLN (25387)	CALIBRATED AND CERTIFIED.
21-Nov-11	21-Nov-11	ABL (19532)	CERTIFIED
28-Oct-11	28-Oct-11	HMS (18910)	CALIBRATED AND CERTIFIED.
20-Sep-11	20-Sep-11	MSK (21355)	CERTIFIED.
02-Sep-11	02-Sep-11	SED (24178)	CERTIFIED.
14-Jul-11	14-Jul-11	HMS (18910)	CALIBRATED AND CERTIFIED.
10-May-11	10-May-11	RJP (22428)	REPLACED DRY GAS STANDARD. CALIBRATED AND CERTIFIED.
30-Mar-11	30-Mar-11	HMS (18910)	CALIBRATED AND CERTIFIED.
28-Oct-10	28-Oct-10	RJP (22428)	CALIBRATED AND CERTIFIED.
27-Sep-10	27-Sep-10	ABL (19532)	CALIBRATED AND CERTIFIED.
16-Apr-10	16-Apr-10	HMS (18910)	CALIBRATED AND CERTIFIED.
24-Mar-10	24-Mar-10	NMJ (22392)	CERTIFIED.
24-Nov-09	24-Nov-09	ABL (19532)	CALIBRATED AND CERTIFIED.
13-Oct-09	13-Oct-09	DBH (21250)	CERTIFIED.
29-Jul-09	29-Jul-09	HMS (18910)	CALIBRATED AND CERTIFIED.
28-Jul-09	28-Jul-09	SED (24178)	CALIBRATED AND CERTIFIED.
06-Jul-09	06-Jul-09	DBH (21250)	CALIBRATED AND CERTIFIED.
01-Jul-09	01-Jul-09	NMJ (22392)	CALIBRATED AND CERTIFIED.
28-Apr-09	28-Apr-09	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
09-Jan-09	09-Jan-09	NMJ (22392)	CALIBRATED AND CERTIFIED.

010551

HNS 7-9-1
TbW

Maintenance Date	Certification Date	Technician Initials	Remarks
05-Nov-08	05-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

HMS

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010551** Worksheet Start Date **7/8/2014**
 Location **Tazewell County**
 Address **104 Court St., Tazewell, VA 24651**
 DFS Technician **Heather Stanton** License No. **18910**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **694** Reference Barometer (mm HG) **697**
 Reference Barometer(RB)Serial # **009113** RB Calibration Due **4/28/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.282
0.300	0.274	0.265	0.282	Sample 2	0.280
Precision		sample min	sample max	Sample 3	0.279
0.003		0.279	0.282		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.092
0.100	0.091	0.088	0.094	Sample 2	0.092
Precision		sample min	sample max	Sample 3	0.092
0		0.092	0.092		

Dry gas standard Lot No. (with tank no.) **AG320502-04**

- 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. Unable to complete first instrument test due to the UPS back-up battery to be replaced not functioning.

Instrument Serial Number

010551

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 W. Starch

Date

7-9-14

Issuing Analyst

T. J. [Signature]
MSK

Date

7/9/14

HMS
TLW

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010551 Test Number: 1419

Test Date: 07/08/2014 Test Time: 13:53 EDT

Dry Gas Target: 0.274

Lot Number: AG334603-02 Exp Date: 12/12/2015

Tank Pressure: 159 psi Barometric Pressure: 694 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:54
CHK	0.282	13:54
BLK	0.000	13:56
CHK	0.280	13:57
BLK	0.000	13:58
CHK	0.279	13:59

Test Status: *Success*

Calibration CRC: D20A658E

HMS
TLN

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010551 Test Number: 1420

Test Date: 07/08/2014 Test Time: 14:02 EDT

Dry Gas Target: 0.091

Lot Number: AG320502-04 Exp Date: 07/24/2015

Tank Pressure: 620 psi Barometric Pressure: 694 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:03
CHK	0.092	14:03
BLK	0.000	14:05
CHK	0.092	14:06
BLK	0.000	14:07
CHK	0.092	14:08

Test Status: *Success*

Calibration CRC: D20A658E

HMO
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 07/08/2014
TEST EQUIPMENT NUMBER 010551		

RESULTS: TIME SAMPLE TAKEN 14:15 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



Handwritten initials: HWS TW

Test Results

Instrument Serial Number 010551

Test # 001421 Subject Test

Test Location 1 Department of
Test Date 08 Jul 2014

Test Location 2 Forensic Science
Test Time 14:09
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 08 Jul 2014 End Time 14:16

Result Time 14:15

Result Date 08 Jul 2014

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:09

Data Type BLK

Sample Value 0.000

Sample Time 14:10

Data Type CHK

Sample Value 0.092

Sample Time 14:11

Data Type BLK

Sample Value 0.000

Sample Time 14:12

Data Type SUBJ

Sample Value 0.000

Sample Time 14:13

Data Type BLK

Sample Value 0.000

Sample Time 14:14

Data Type SUBJ

Sample Value 0.000

Sample Time 14:15

Data Type BLK

Sample Value 0.000

Sample Time 14:16

Standard Type Dry Gas Std

Standard Value 0.091

Standard Lot Number AG320502-04

Standard Expiration Date 07/24/2015

Tank Pressure 610

Barometric Pressure 694 mmHg

Blow Sample Number 1 Blow Duration 3.58 sec

Blow Volume 1731 cc End-of-Blow Time 14:13

Blow Sample Number 2 Blow Duration 3.47 sec

Blow Volume 1730 cc End-of-Blow Time 14:15

Tamper Evident Stamp 7b62114b

Test Status Code 0

Test Status Success