

Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 9/25/2014

JNS
TLN

Instrument Serial Number: 010458

As of 25-Sep-14

Start Date	End Date	Agency Name
25-Sep-14		Fairfax County PD
29-Aug-14	25-Sep-14	DFS Central Lab
10-Jun-14	29-Aug-14	Blacksburg PD
18-Mar-11	10-Jun-14	DFS Central Lab
13-Aug-10	18-Mar-11	Virginia Beach PD
19-May-08	13-Aug-10	DFS Central Lab

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
9/25/2013 To 9/25/2014

HMS
TLN

Instrument Serial Number: 010458

As of 25-Sep-14

Maintenance Date	Certification Date	Technician Initials	Remarks
25-Sep-14	15-Sep-14	HMS (18910)	REPLACED PRINTER RIBBON.
15-Sep-14	15-Sep-14	DBH (21250)	ADJUSTED AND TESTED SAMPLE SOLENOID. CERTIFIED.
02-Jun-14	02-Jun-14	MMB (26417)	CLEANED IR CHAMBER. FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.

Handwritten initials/signature

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 010458 Worksheet Start Date: 9/25/2014

Location: Fairfax County Mason Station

Address: 6507 Columbia Pike, Annandale, VA 22003

DFS Technician: Heather Stanton License No.: 18910

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 756 Reference Barometer (mm HG): 759

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

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.298
0.300	0.298	0.289	0.306	Sample 2	0.297
Precision		sample min	sample max	Sample 3	0.296
0.002		0.296	0.298		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.098
0.100	0.100	0.097	0.103	Sample 2	0.098
Precision		sample min	sample max	Sample 3	0.098
0		0.098	0.098		

Dry gas standard Lot No. (with tank no.) AG419702-52

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

Supplies

Mouthpieces: 75

Certificates of Analysis: 75

Operator Worksheet: 2 pads

Other:

Notes:

Replaced printer ribbon.

Instrument Serial Number

010458

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 M. Stach

Date

9/25/14

Issuing Analyst

[Signature]
sub

Date

9/26/14

LMS
TLV

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010458 Test Number: 541

Test Date: 09/25/2014 Test Time: 11:07 EDT

Dry Gas Target: 0.298

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

Tank Pressure: 66 psi Barometric Pressure: 756 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:08
CHK	0.298	11:09
BLK	0.000	11:11
CHK	0.297	11:11
BLK	0.000	11:13
CHK	0.296	11:14

Test Status: *Success*

Calibration CRC: ECB381BF

AMS
TLW

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010458 Test Number: 542

Test Date: 09/25/2014 Test Time: 11:17 EDT

Dry Gas Target: 0.100

Lot Number: AG419702-52 Exp Date: 07/16/2016

Tank Pressure: 1115 psi Barometric Pressure: 756 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:18
CHK	0.098	11:19
BLK	0.000	11:20
CHK	0.098	11:21
BLK	0.000	11:22
CHK	0.098	11:23

Test Status: *Success*

Calibration CRC: ECB381BF

AMS
TKW



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 09/25/2014
TEST EQUIPMENT NUMBER 010458		

RESULTS: TIME SAMPLE TAKEN 11:30 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



HMS
rlw

Test Results

Instrument Serial Number 010458

Test # 000543 Subject Test

Test Location 1 Department of
Test Date 25 Sep 2014

Test Location 2 Forensic Science
Test Time 11:24
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 25 Sep 2014 End Time 11:31

Result Time 11:30

Result Date 25 Sep 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:24

Data Type BLK

Sample Value 0.000

Sample Time 11:25

Data Type CHK

Sample Value 0.098

Sample Time 11:26

Data Type BLK

Sample Value 0.000

Sample Time 11:27

Data Type SUBJ

Sample Value 0.000

Sample Time 11:28

Data Type BLK

Sample Value 0.000

Sample Time 11:29

Data Type SUBJ

Sample Value 0.000

Sample Time 11:30

Data Type BLK

Sample Value 0.000

Sample Time 11:31

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG419702-52

Standard Expiration Date 07/16/2016

Tank Pressure 1115

Barometric Pressure 756 mmHg

Blow Sample Number 1 Blow Duration 3.66 sec

Blow Volume 1710 cc End-of-Blow Time 11:28

Blow Sample Number 2 Blow Duration 3.71 sec

Blow Volume 1729 cc End-of-Blow Time 11:30

Tamper Evident Stamp 40e5600e

Test Status Code 0

Test Status Success