

Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 3/2/2015

JMS
TW

Instrument Serial Number: 010449

As of 02-Mar-15

Start Date	End Date	Agency Name
25-Feb-15		Dinwiddie County Sheriff's Office
03-Feb-15	25-Feb-15	DFS Central Lab
29-Dec-14	03-Feb-15	Fairfax County PD
10-Dec-14	29-Dec-14	DFS Central Lab
10-Jul-14	10-Dec-14	Smithfield PD
29-Oct-09	10-Jul-14	DFS Central Lab
12-May-09	29-Oct-09	Shenandoah County SO
13-May-08	12-May-09	DFS Central Lab

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
2/25/2014 To 2/25/2015

HMS
TLN

Instrument Serial Number: 010449 **As of 02-Mar-15**

Maintenance Date	Certification Date	Technician Initials	Remarks
25-Feb-15	05-Feb-15	HMS (18910)	REPLACED UPS BACK-UP BATTERY, REPLACED PRINTER RIBBON.
05-Feb-15	05-Feb-15	SED (24178)	CERTIFIED.
29-Dec-14	12-Dec-14	HMS (18910)	REPLACED PRINTER RIBBON.
12-Dec-14	12-Dec-14	DBH (21250)	CERTIFIED.
02-Jul-14	02-Jul-14	TLN (25387)	CLEANED IR CHAMBER. REPLACED IR DETECTOR OPTIC FILTER. FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.

Handwritten initials/signature

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 010449 Worksheet Start Date: 2/25/2015

Location: Dinwiddie County

Address: 14230 Sycamore Dr., Dinwiddie, VA 23841

DFS Technician: Heather Stanton License No.: 18910

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 750 Reference Barometer (mm HG): 753

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

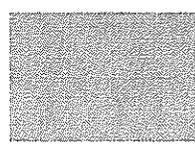
Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.300	0.296	0.287	0.304	0.301
Precision		sample min	sample max	Sample 2
0.001		0.300	0.301	0.300
				Sample 3
				0.300

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.100	0.099	0.096	0.102	0.099
Precision		sample min	sample max	Sample 2
0.001		0.098	0.099	0.099
				Sample 3
				0.098

Dry gas standard Lot No. (with tank no.) AG404902-05

- 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. Replaced printer ribbon.

Instrument Serial Number

010449

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. Stark

Date

3/2/15

Issuing Analyst

[Signature]
Ed

Date

3/2/15

HMS
TLW

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010449 Test Number: 445
Test Date: 02/25/2015 Test Time: 14:46 EST
Dry Gas Target: 0.296
Lot Number: AG428003-07 Exp Date: 10/07/2016
Tank Pressure: 174 psi Barometric Pressure: 749 mmHg
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:47
CHK	0.301	14:48
BLK	0.000	14:50
CHK	0.300	14:50
BLK	0.000	14:52
CHK	0.300	14:53

Test Status: *Success*

Calibration CRC: 3FD8EAED

LMS
TW

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010449 Test Number: 446

Test Date: 02/25/2015 Test Time: 14:55 EST

Dry Gas Target: 0.099

Lot Number: AG404902-05 Exp Date: 02/18/2016

Tank Pressure: 370 psi Barometric Pressure: 749 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:56
CHK	0.099	14:57
BLK	0.000	14:59
CHK	0.099	14:59
BLK	0.000	15:01
CHK	0.098	15:01

Test Status: *Success*

Calibration CRC: 3FD8EAED

THIS
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
---	-----------------------------

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 02/25/2015
TEST EQUIPMENT NUMBER 010449		

RESULTS: TIME SAMPLE TAKEN 15:07 EST
 SAMPLE'S ALCOHOL CONTENT Sample over range GRAMS PER 210 LITERS OF BREATH

Foreign matter in the mouthpiece was unintentionally blown into the instrument resulting in sample over range

THIS
2/25/15

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

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

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 02/25/2015
TEST EQUIPMENT NUMBER 010449		

RESULTS: TIME SAMPLE TAKEN 15:47 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

FOR COURT



Handwritten initials: LMO, TLR

Test Results

Instrument Serial Number 010449

Test # 000448 Subject Test

Test Location 1 Department of
Test Date 25 Feb 2015

Test Location 2 Forensic Science
Test Time 15:41
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 10/01/2014

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 25 Feb 2015 End Time 15:48

Result Time 15:47

Result Date 25 Feb 2015 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:41

Data Type BLK

Sample Value 0.000

Sample Time 15:42

Data Type CHK

Sample Value 0.098

Sample Time 15:43

Data Type BLK

Sample Value 0.000

Sample Time 15:44

Data Type SUBJ

Sample Value 0.000

Sample Time 15:45

Data Type BLK

Sample Value 0.000

Sample Time 15:46

Data Type SUBJ

Sample Value 0.000

Sample Time 15:47

Data Type BLK

Sample Value 0.000

Sample Time 15:48

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG404902-05

Standard Expiration Date 02/18/2016

Tank Pressure 360

Barometric Pressure 749 mmHg

Blow Sample Number 1 Blow Duration 3.07 sec

Blow Volume 1858 cc End-of-Blow Time 15:45

Blow Sample Number 2 Blow Duration 3.05 sec

Blow Volume 1814 cc End-of-Blow Time 15:47

Tamper Evident Stamp 5d78dd88

Test Status Code 0

Test Status Success