

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
12/18/2013 To 12/18/2014

fid

Instrument Serial Number: 010578 **As of 18-Dec-14**

Maintenance Date	Certification Date	Technician Initials	Remarks
18-Dec-14	14-Oct-14	SED (24178)	REPLACED UPS BACK-UP BATTERY.
14-Oct-14	14-Oct-14	TLN (25387)	CERTIFIED.
28-Apr-14	28-Apr-14	HMS (18910)	REPLACED AND TESTED FUEL CELL MODULE, CALIBRATED AND CERTIFIED.
04-Mar-14	06-Nov-13	MMB (26417)	REPLACED DRY GAS STANDARD.

sid

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 010578 Worksheet Start Date: 12/18/2014

Location: Rockbridge County Sheriffs Office

Address: 258 Greenhouse Rd, Lexington, VA 24450

DFS Technician: Sarah Dersch License No.: 24178

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 735 Reference Barometer (mm HG): 737

Reference Barometer(RB)Serial #: 009111 RB Calibration Due: 5/19/2015

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.290	0.281	0.298	0.298	0.297	0.297
Precision		sample min	sample max			
0.001		0.297	0.298			

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

Dry gas standard Lot No. (with tank no.): AG406301-16

- 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

010578

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

[Handwritten Signature]

Date

12/18/14

Issuing Analyst

[Handwritten Signature]
TLN

Date

12/18/14

Intox EC/IR-II: Accuracy Check

sed

Department of Forensic Science

Serial Number: 010578 Test Number: 1739
Test Date: 12/18/2014 Test Time: 10:55 EST
Dry Gas Target: 0.290

Lot Number: AG428003-03 Exp Date: 10/07/2016
Tank Pressure: 291 psi Barometric Pressure: 734 mmHg
System Check: Passed

Test	g/210L	Time
BLK	0.000	10:56
CHK	0.301	10:57
BLK	0.000	10:58
CHK	0.300	10:59
BLK	0.000	11:00
CHK	0.299	11:01

Test Status: Success

Calibration CRC: 27661310

Out of Tolerance per QA sheet.

12/18/14 sed

Unable to perform Instrument Test due to instrument
being powered off upon arrival.

12/18/14 sed

Intox EC/IR-II: Accuracy Check

Jed

Department of Forensic Science

Serial Number: 010578 Test Number: 1740

Test Date: 12/18/2014 Test Time: 11:05 EST

Dry Gas Target: 0.290

Lot Number: AG428003-03 Exp Date: 10/07/2016

Tank Pressure: 272 psi Barometric Pressure: 734 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:06
CHK	0.298	11:07
BLK	0.000	11:08
CHK	0.297	11:09
BLK	0.000	11:10
CHK	0.297	11:11

Test Status: *Success*

Calibration CRC: 27661310

fed

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010578 Test Number: 1741

Test Date: 12/18/2014 Test Time: 11:16 EST

Dry Gas Target: 0.097

Lot Number: AG406301-16 Exp Date: 03/04/2016

Tank Pressure: 982 psi Barometric Pressure: 734 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:17
CHK	0.097	11:17
BLK	0.000	11:19
CHK	0.097	11:20
BLK	0.000	11:21
CHK	0.097	11:22

Test Status: *Success*

Calibration CRC: 27661310

Std



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 DERSCH, SARAH, E		AGENCY DFS Central Lab
DFS LICENSE NUMBER 24178	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 12/18/2014
TEST EQUIPMENT NUMBER 010578		

RESULTS: TIME SAMPLE TAKEN 11:31 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 18 Dec 2014 at 12:07

red

Test Results

Instrument Serial Number 010578

Test # 001742 Subject Test

Test Location 1 Department of
Test Date 18 Dec 2014

Test Location 2 Forensic Science
Test Time 11:25
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name DERSCH
Agency DFS Central Lab

Operator's First Name SARAH

Operator's Middle Initial E

License Number 24178

Card Serial Number 124178

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 18 Dec 2014 End Time 11:33

Result Time 11:31

Result Date 18 Dec 2014 Result 0.00

Data Type DIAG Sample Value Pass Sample Time 11:25

Data Type BLK Sample Value 0.000 Sample Time 11:26

Data Type CHK Sample Value 0.097 Sample Time 11:27

Data Type BLK Sample Value 0.000 Sample Time 11:28

Data Type SUBJ Sample Value 0.000 Sample Time 11:29

Data Type BLK Sample Value 0.000 Sample Time 11:30

Data Type SUBJ Sample Value 0.000 Sample Time 11:31

Data Type BLK Sample Value 0.000 Sample Time 11:32

Standard Type Dry Gas Std

Standard Value 0.097

Standard Lot Number AG406301-16

Standard Expiration Date 03/04/2016

Tank Pressure 977

Barometric Pressure 734 mmHg

Blow Sample Number 1 Blow Duration 3.49 sec

Blow Volume 1890 cc End-of-Blow Time 11:29

Blow Sample Number 2 Blow Duration 3.59 sec

Blow Volume 1823 cc End-of-Blow Time 11:31

Tamper Evident Stamp 57074970

Test Status Code 0

Test Status Success