

Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 3/10/2014

Jed

Instrument Serial Number: 010414

As of 10-Mar-14

Start Date	End Date	Agency Name
05-Mar-14		Pittsylvania County SO
06-Dec-13	05-Mar-14	DFS Central Lab
04-Aug-09	06-Dec-13	Powhatan County Sheriff's Office
04-Aug-08	04-Aug-09	DFS Central Lab

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010414** Worksheet Start Date **3/5/2014**
 Location **Pittsylvania**
 Address **11 Main St Chatham VA 24531**
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **745** Reference Barometer (mm HG) **745**
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/23/2014**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.294	0.285	0.302	0.295	0.294	0.293
Precision		sample min	sample max			
0.002		0.293	0.295			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.098	0.095	0.101	0.097	0.096	0.096
Precision		sample min	sample max			
0.001		0.096	0.097			

Dry gas standard Lot No. (with tank no.) **AG316301-25**

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

Supplies

Mouthpieces	50
Certificates of Analysis	50
Operator Worksheet	50
Other:	

Notes:

Instrument Serial Number

010414

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

Date

3/16/14

Issuing Analyst

Date

3/17/14

Intox EC/IR-11: Accuracy Check

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Department of Forensic Science

Serial Number: 010414 Test Number: 659

Test Date: 03/05/2014 Test Time: 15:29 EST

Dry Gas Target: 0.294

Lot Number: AG321804-04 Exp Date: 08/06/2015

Tank Pressure: 252 psi Barometric Pressure: 745 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:30
CHK	0.295	15:31
BLK	0.000	15:32
CHK	0.294	15:33
BLK	0.000	15:35
CHK	0.293	15:36

Test Status: Success

Calibration CRC: C774E6D4

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010414 Test Number: 660

Test Date: 03/05/2014 Test Time: 15:39 EST

Dry Gas Target: 0.098

Lot Number: AG316301-25 Exp Date: 06/12/2015

Tank Pressure: 796 psi Barometric Pressure: 745 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:39
CHK	0.097	15:40
BLK	0.000	15:42
CHK	0.096	15:43
BLK	0.000	15:44
CHK	0.096	15:45

Test status: *Success*

Calibration CRC: C774E6D4

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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 10/01/2014	DATE TEST CONDUCTED 03/05/2014
TEST EQUIPMENT NUMBER 010414		

RESULTS: TIME SAMPLE TAKEN 15:53 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 10 Mar 2014 at 09:48

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Test Results

Instrument Serial Number 010414

Test # 000661 Subject Test

Test Location 1 Department of

Test Date 05 Mar 2014

Test Location 2 Forensic Science

Test Time 15:47

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name DERSCH

Agency DFS Central Lab

Card Serial Number 124178

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

End Date 05 Mar 2014

End Time 15:54

Data Type DIAG

Data Type BLK

Data Type CHK

Data Type BLK

Data Type SUBJ

Data Type BLK

Data Type SUBJ

Data Type BLK

Standard Type Dry Gas Std

Standard Lot Number AG316301-25

Tank Pressure 786

Blow Sample Number 1

Blow Duration 2.72 sec

Blow Sample Number 2

Blow Duration 2.40 sec

Tamper Evident Stamp 67cac01e

Test Status Success

Operator's First Name SARAH

Effective Date 10/01/2012

Subject's Date of Birth 00/00/0000

License Number 24178

Operator's Middle Initial E

Expiration Date 10/01/2014

Subject's First Name TEST

Subject's Sex Male

Driver's License Expiration 00/00/0000

Court Name DFS

Result Time 15:53

Result Date 05 Mar 2014

Result 0.00

Sample Value Pass

Sample Time 15:47

Sample Value 0.000

Sample Time 15:48

Sample Value 0.096

Sample Time 15:49

Sample Value 0.000

Sample Time 15:50

Sample Value 0.000

Sample Time 15:51

Sample Value 0.000

Sample Time 15:52

Sample Value 0.000

Sample Time 15:53

Sample Value 0.000

Sample Time 15:54

Standard Value 0.098

Standard Expiration Date 06/12/2015

Barometric Pressure 745 mmHg

Blow Volume 2200 cc

End-of-Blow Time 15:51

Blow Volume 1846 cc

End-of-Blow Time 15:53

Test Status Code 0