

SLD

**Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 6/13/2014**

---

**Instrument Serial Number: 010458**

**As of 13-Jun-14**

---

<b>Start Date</b>	<b>End Date</b>	<b>Agency Name</b>
10-Jun-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

sd

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 010458      Worksheet Start Date: 6/10/2014

Location: Blacksburg PD

Address: 200 Clay St SW Blacksburg VA 24060

DFS Technician: Sarah Dersch      License No.: 24178

Laboratory       On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 704      Reference Barometer (mm HG): 706

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

### Measurement Assurance Check

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.279
0.300	0.278	0.269	0.286	<b>Sample 2</b>	0.278
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.277
0.002		0.277	0.279		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.091
0.100	0.093	0.090	0.096	<b>Sample 2</b>	0.091
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.091
0		0.091	0.091		

Dry gas standard Lot No. (with tank no.)      AG316301-15

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:

75  
75  
2 pads

Notes:

[Redacted Notes Area]

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

Date

6/13/14

Issuing Analyst

Date

6/13/14

Intox EC/IR-II: Accuracy Check

*del*

Department of Forensic Science

Serial Number: 010458 Test Number: 512

Test Date: 06/10/2014 Test Time: 17:08 EDT

Dry Gas Target: 0.278

Lot Number: AG334603-03 Exp Date: 12/12/2015

Tank Pressure: 433 psi Barometric Pressure: 703 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	17:09
CHK	0.279	17:10
BLK	0.000	17:12
CHK	0.278	17:12
BLK	0.000	17:14
CHK	0.277	17:15

Test Status: Success

Calibration CRC: ECB381BF

Intox EC/IR-II: Accuracy Check

SA

Department of Forensic Science

Serial Number: 010458 Test Number: 513

Test Date: 06/10/2014 Test Time: 17:17 EDT

Dry Gas Target: 0.093

Lot Number: AG316301-15 Exp Date: 06/12/2015

Tank Pressure: 419 psi Barometric Pressure: 703 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	17:18
CHK	0.091	17:18
BLK	0.000	17:20
CHK	0.091	17:21
BLK	0.000	17:22
CHK	0.091	17:23

Test Status: Success

Calibration CRC: ECB381BF

SJA



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  DERSCH, SARAH, E		AGENCY  DFS Central Lab
DFS LICENSE NUMBER  24178	LICENSE EXPIRES  10/01/2014	DATE TEST CONDUCTED  06/10/2014
TEST EQUIPMENT NUMBER  010458		

RESULTS: TIME SAMPLE TAKEN 17:31 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



**IntoxNet MIS Report**  
Report Generated 13 Jun 2014 at 10:51

5/1

Test Results

**Instrument Serial Number 010458**

**Test # 000514**      **Subject Test**

<b>Test Location 1</b> Department of Test Date 10 Jun 2014	<b>Test Location 2</b> Forensic Science Test Time 17:25 Remote/Local Local	<b>Test Location 3</b> System Check Passed
<b>Operator's Last Name</b> DERSCH Agency DFS Central Lab	<b>Operator's First Name</b> SARAH	<b>Operator's Middle Initial</b> E
<b>Card Serial Number</b> 124178	<b>Effective Date</b> 10/01/2012	<b>License Number</b> 24178
<b>Subject's Last Name</b> INSTRUMENT	<b>Subject's First Name</b> TEST	<b>Expiration Date</b> 10/01/2014
<b>Subject's Middle Initial</b>	<b>Subject's Date of Birth</b> 00/00/0000	<b>Subject's Sex</b> Male
<b>Driver's License Number</b>	<b>Driver's License Expiration</b> 00/00/0000	
<b>Driver's License State</b>	<b>Court Name</b> DFS	
<b>End Date</b> 10 Jun 2014	<b>End Time</b> 17:32	<b>Result Time</b> 17:31
<b>Data Type</b> DIAG	<b>Sample Value</b> Pass	<b>Result Date</b> 10 Jun 2014
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Result</b> 0.00
<b>Data Type</b> CHK	<b>Sample Value</b> 0.091	<b>Sample Time</b> 17:25
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 17:26
<b>Data Type</b> SUBJ	<b>Sample Value</b> 0.000	<b>Sample Time</b> 17:27
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 17:28
<b>Data Type</b> SUBJ	<b>Sample Value</b> 0.000	<b>Sample Time</b> 17:29
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 17:30
<b>Data Type</b> SUBJ	<b>Sample Value</b> 0.000	<b>Sample Time</b> 17:31
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 17:32
<b>Standard Type</b> Dry Gas Std		<b>Standard Value</b> 0.093
<b>Standard Lot Number</b> AG316301-15		<b>Standard Expiration Date</b> 06/12/2015
<b>Tank Pressure</b> 409		<b>Barometric Pressure</b> 703 mmHg
<b>Blow Sample Number</b> 1	<b>Blow Duration</b> 4.17 sec	<b>Blow Volume</b> 1838 cc
<b>Blow Sample Number</b> 2	<b>Blow Duration</b> 3.95 sec	<b>Blow Volume</b> 1827 cc
<b>Tamper Evident Stamp</b> 9f786064		<b>End-of-Blow Time</b> 17:29
<b>Test Status</b> Success		<b>End-of-Blow Time</b> 17:31
		<b>Test Status Code</b> 0