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

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**Instrument Serial Number: 010567** **As of 13-Jun-14**

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<b>Start Date</b>	<b>End Date</b>	<b>Agency Name</b>
11-Jun-14		Montgomery County SO
29-Apr-13	11-Jun-14	DFS Central Lab
06-Feb-12	29-Apr-13	Prince William County PD
23-Jun-08	06-Feb-12	DFS Central Lab

82d

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010567** Worksheet Start Date **6/11/2014**  
 Location **Montgomery CO SO**  
 Address **16 N Franklin St Christiansburg VA 24073**  
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **707** Reference Barometer (mm HG) **708**

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

### Measurement Assurance Check

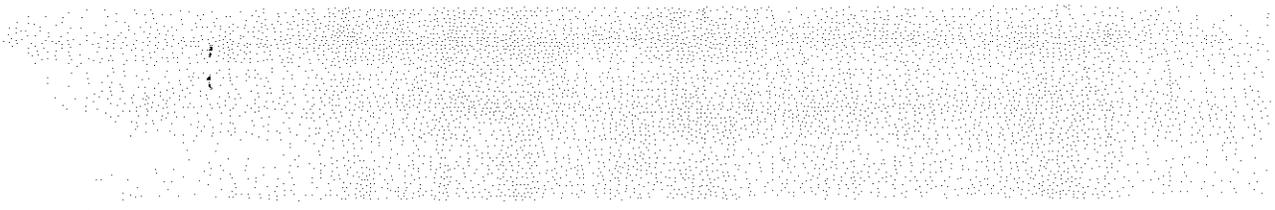
Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.279	0.270	0.287	0.284	0.283	0.282
Precision		sample min	sample max			
0.002		0.282	0.284			

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

Dry gas standard Lot No. (with tank no.) **AG406301-26**

- Replaced dry gas standard (+O-ring)
  - Installed at Location
  - Removed to DFS-Central
- Supplies  
 Mouthpieces **150**  
 Certificates of Analysis **150**  
 Operator Worksheet **3 pkt**  
 Other:

Notes:



Instrument Serial Number

010567

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.250		0.000	0.000	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.150		0.000	0.000	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.080		-0.003	0.003	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.020		-0.003	0.003	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
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

6/13/14

Issuing Analyst

*[Handwritten signature]*

Date

6/13/14

*MMB*

**Intox EC/IR-11: Accuracy Check**

*sd*

*Department of Forensic Science*

Serial Number: 010567      Test Number: 1888

Test Date: 06/11/2014      Test Time: 12:06 EDT

Dry Gas Target: 0.279

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

Tank Pressure: 375 psi      Barometric Pressure: 707 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:07
CHK	0.284	12:08
BLK	0.000	12:09
CHK	0.283	12:10
BLK	0.000	12:11
CHK	0.282	12:12

Test Status: *Success*

Calibration CRC: 13CAC0E4

sd

Intox EC/IR-11: Accuracy Check

Department of Forensic Science

Serial Number: 010567 Test Number: 1889

Test Date: 06/11/2014 Test Time: 12:15 EDT

DIY Gas Target: 0.093

Lot Number: AG406301-26 Exp Date: 03/04/2016

Tank Pressure: 1120 psi Barometric Pressure: 707 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:16
CHK	0.093	12:16
BLK	0.000	12:18
CHK	0.093	12:19
BLK	0.000	12:20
CHK	0.093	12:21

Test Status: Success

Calibration CRC: 13CAC0E4

sd



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 <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>DERECH, SARAH, E</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>24178</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>06/11/2014</b>
TEST EQUIPMENT NUMBER <b>010567</b>		

RESULTS: TIME SAMPLE TAKEN 12:28 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
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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 10:52

*jed*

## Test Results

**Instrument Serial Number 010567**

**Test # 001890**      **Subject Test**

Test Location 1    Department of  
Test Date    11 Jun 2014

Test Location 2    Forensic Science  
Test Time    12:22  
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    10/01/2012

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    11 Jun 2014      End Time    12:29

Result Time    12:28

Result Date    11 Jun 2014      Result    0.00

Data Type    DIAG

Sample Value    Pass

Sample Time    12:22

Data Type    BLK

Sample Value    0.000

Sample Time    12:23

Data Type    CHK

Sample Value    0.093

Sample Time    12:24

Data Type    BLK

Sample Value    0.000

Sample Time    12:25

Data Type    SUBJ

Sample Value    0.000

Sample Time    12:26

Data Type    BLK

Sample Value    0.000

Sample Time    12:27

Data Type    SUBJ

Sample Value    0.000

Sample Time    12:28

Data Type    BLK

Sample Value    0.000

Sample Time    12:29

Standard Type    Dry Gas Std

Standard Value    0.093

Standard Lot Number    AG406301-26

Standard Expiration Date    03/04/2016

Tank Pressure    1120

Barometric Pressure    707 mmHg

Blow Sample Number    1      Blow Duration    4.17 sec

Blow Volume    1863 cc      End-of-Blow Time    12:26

Blow Sample Number    2      Blow Duration    3.15 sec

Blow Volume    1806 cc      End-of-Blow Time    12:28

Tamper Evident Stamp    5bc27a9d

Test Status Code    0

Test Status    Success