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Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 5/21/2014

Instrument Serial Number: 010600

As of 21-May-14

Start Date	End Date	Agency Name
20-May-14		DFS Central Lab
18-Jun-13	20-May-14	Middlesex County Sheriff's Office
07-Mar-11	18-Jun-13	DFS Central Lab
11-Mar-09	07-Mar-11	Winchester PD
04-Aug-08	11-Mar-09	DFS Central Lab

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010600** Worksheet Start Date **5/20/2014**  
 Location **Middlesex Co SO**  
 Address **75 Oakes Landing Rd Saluda VA 23149**  
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **763** Reference Barometer (mm HG) **766**  
 Reference Barometer(RB)Serial # **009110** RB Calibration Due **5/30/2014**

### Measurement Assurance Check

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.307
0.300	0.301	0.291	0.310	<b>Sample 2</b>	0.307
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.307
0		0.307	0.307		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.101
0.100	0.100	0.097	0.103	<b>Sample 2</b>	0.102
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.102
0.001		0.101	0.102		

Dry gas standard Lot No. (with tank no.) **AG316301-21**

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet

**10**

Notes:

[Redacted area]

Instrument Serial Number

010600

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

Date

5/21/14

Issuing Analyst

Date

5/21/14

*mmb*

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

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>DERSCH, 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>05/20/2014</b>
TEST EQUIPMENT NUMBER <b>010600</b>		

RESULTS: TIME SAMPLE TAKEN 10:59 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 21 May 2014 at 08:55

## Test Results

**Instrument Serial Number 010600**

**Test # 001525 Subject Test**

Test Location 1 Department of  
Test Date 20 May 2014

Test Location 2 Forensic Science  
Test Time 10:52  
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

Card Serial Number 124178

License Number 24178

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 20 May 2014 End Time 11:00

Result Time 10:59

Result Date 20 May 2014

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 10:52

Data Type BLK

Sample Value 0.000

Sample Time 10:53

Data Type CHK

Sample Value 0.102

Sample Time 10:54

Data Type BLK

Sample Value 0.000

Sample Time 10:55

Data Type SUBJ

Sample Value 0.000

Sample Time 10:56

Data Type BLK

Sample Value 0.000

Sample Time 10:57

Data Type SUBJ

Sample Value 0.000

Sample Time 10:59

Data Type BLK

Sample Value 0.000

Sample Time 11:00

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG316301-21

Standard Expiration Date 06/12/2015

Tank Pressure 546

Barometric Pressure 763 mmHg

Blow Sample Number 1 Blow Duration 4.09 sec

Blow Volume 1744 cc End-of-Blow Time 10:56

Blow Sample Number 2 Blow Duration 4.61 sec

Blow Volume 1731 cc End-of-Blow Time 10:59

Tamper Evident Stamp 93cc0e09

Test Status Code 0

Test Status Success

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

*sd*

*Department of Forensic Science*

Serial Number: 010600      Test Number: 1526

Test Date: 05/20/2014      Test Time: 11:01 EDT

Dry Gas Target: 0.100

Lot Number: AG316301-21      Exp Date: 06/12/2015

Tank Pressure: 546 psi      Barometric Pressure: 763 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:02
CHK	0.101	11:03
BLK	0.000	11:04
CHK	0.102	11:05
BLK	0.000	11:06
CHK	0.102	11:07

Test Status: *Success*

Calibration CRC: 83CABFEF

Intox EC/IR-II: Accuracy Check

*jed*

Department of Forensic Science

Serial Number: 010600 Test Number: 1527

Test Date: 05/20/2014 Test Time: 11:11 EDT

Dry Gas Target: 0.301

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

Tank Pressure: 154 psi Barometric Pressure: 763 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	11:12
CHK	0.307	11:13
BLK	0.000	11:15
CHK	0.307	11:16
BLK	0.000	11:17
CHK	0.307	11:18

Test Status: Success

Calibration CRC: 83CABFEF