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

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Instrument Serial Number: 012049 As of 10-Mar-14

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Start Date	End Date	Agency Name
05-Mar-14		Danville PD
26-Nov-13	05-Mar-14	DFS Central Lab
21-Feb-12	26-Nov-13	Chesterfield County PD
04-Feb-11	21-Feb-12	DFS Central Lab

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **012049** Worksheet Start Date **3/5/2014**

Location **Danville**

Address **427 Patton St Danville VA 24541**

DFS Technician **Sarah Dersch** License No. **24178**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **754** Reference Barometer (mm HG) **754**

Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/23/2014**

### Measurement Assurance Check

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.301
0.300	0.298	0.289	0.306	<b>Sample 2</b>	0.300
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.299
0.002		0.299	0.301		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.100
0.100	0.099	0.096	0.102	<b>Sample 2</b>	0.100
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.100
0		0.100	0.100		

Dry gas standard Lot No. (with tank no.) **AG226201-21**

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies

Mouthpieces	<b>50</b>
Certificates of Analysis	<b>50</b>
Operator Worksheet	
Other:	

Notes:

[Redacted area]

Instrument Serial Number

012049

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

3/10/14

Issuing Analyst

Date

3/10/14

Intox EC/IR-11: Accuracy Check

sid

Department of Forensic Science

Serial Number: 012049 Test Number: 1964

Test Date: 03/05/2014 Test Time: 13:29 EST

Dry Gas Target: 0.298

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

Tank Pressure: 291 psi Barometric Pressure: 154 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	13:30
CHK	0.301	13:31
BLK	0.000	13:32
CHK	0.300	13:33
BLK	0.000	13:34
CHK	0.299	13:35

Test Status: Success

Calibration CRC: 9740404D

INTOX EC/IR-11: Accuracy Check

*jid*

Department of Forensic Science

Serial Number: 012049 Test Number: 1965

Test Date: 03/05/2014 Test Time: 13:39 EST

Dry Gas Target: 0.099

Lot Number: AG226201-21 Exp Date: 09/18/2014

Tank Pressure: 286 psi Barometric Pressure: 753 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	13:40
CHK	0.100	13:41
BLK	0.000	13:42
CHK	0.100	13:43
BLK	0.000	13:44
CHK	0.100	13:45

Test Status: Success

Calibration CRC: 9740404D

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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  012049		

RESULTS: TIME SAMPLE TAKEN 13:53 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
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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 10 Mar 2014 at 09:54

*Sid*

Test Results

Instrument Serial Number 012049

**Test # 001966**      Subject Test

Test Location 1 Department of  
Test Date 05 Mar 2014

Test Location 2 Forensic Science  
Test Time 13:47  
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 05 Mar 2014      End Time 13:54

Result Time 13:53

Result Date 05 Mar 2014

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:47

Data Type BLK

Sample Value 0.000

Sample Time 13:48

Data Type CHK

Sample Value 0.099

Sample Time 13:48

Data Type BLK

Sample Value 0.000

Sample Time 13:50

Data Type SUBJ

Sample Value 0.000

Sample Time 13:50

Data Type BLK

Sample Value 0.000

Sample Time 13:51

Data Type SUBJ

Sample Value 0.000

Sample Time 13:53

Data Type BLK

Sample Value 0.000

Sample Time 13:54

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG226201-21

Standard Expiration Date 09/18/2014

Tank Pressure 281

Barometric Pressure 754 mmHg

Blow Sample Number 1      Blow Duration 4.37 sec

Blow Volume 2206 cc

End-of-Blow Time 13:50

Blow Sample Number 2      Blow Duration 4.17 sec

Blow Volume 1756 cc

End-of-Blow Time 13:53

Tamper Evident Stamp ba890e34

Test Status Code 0

Test Status Success