

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 1/9/2015

*JD*

Instrument Serial Number: 010554

As of 09-Jan-15

Start Date	End Date	Agency Name
06-Jan-15		DFS Central Lab
22-Jul-14	06-Jan-15	Caroline County SO
10-Jul-14	22-Jul-14	DFS Central Lab
06-Mar-09	10-Jul-14	Smithfield PD
23-Jun-08	06-Mar-09	DFS Central Lab

# INTOX EC/IR II Quality Assurance Worksheet

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Instrument Serial Number **010554** Worksheet Start Date **1/6/2015**  
Location **Caroline County Sheriff Office**  
Address **118 Courthouse Lane, Bowling Green, VA 22427**  
DFS Technician **Sarah Dersch** License No. **24178**  
 Laboratory  On-Site  
Site Specification: No detrimental environmental conditions exist.   
Instrument Barometer (mm HG) **756** Reference Barometer (mm HG) **758**  
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	0.298	0.289	0.306	0.302	0.301	0.301
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0.001		0.301	0.302			

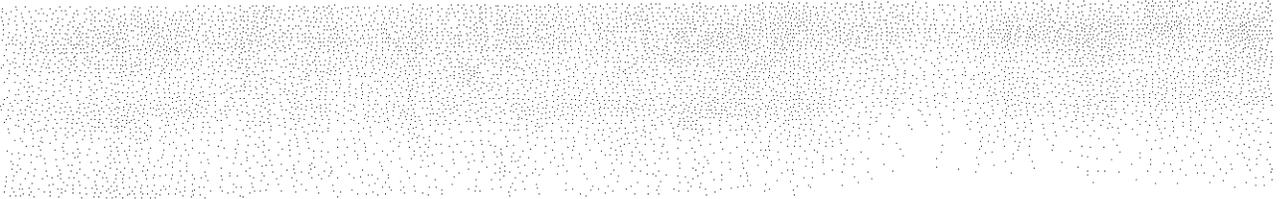
Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.100	0.097	0.103	0.100	0.100	0.100
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0		0.100	0.100			

Dry gas standard Lot No. (with tank no.) **AG332301-21**

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



Notes:



Instrument Serial Number

010554

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

*[Signature]*

Date

11/9/15

Issuing Analyst

*[Signature]*  
JPD

Date

11/9/15

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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  10/01/2016	DATE TEST CONDUCTED  01/06/2015
TEST EQUIPMENT NUMBER  010554		

RESULTS: TIME SAMPLE TAKEN 13:50 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 06 Jan 2015 at 14:16

*Red*

Test Results

**Instrument Serial Number 010554**

Test # 001040 Subject Test

Test Location 1 Department of  
Test Date 06 Jan 2015

Test Location 2 Forensic Science  
Test Time 13:44  
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

Effective Date 10/01/2014

License Number 24178

Expiration Date 10/01/2016

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 06 Jan 2015 End Time 13:52

Result Time 13:50

Result Date 06 Jan 2015 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:44

Data Type BLK

Sample Value 0.000

Sample Time 13:45

Data Type CHK

Sample Value 0.100

Sample Time 13:46

Data Type BLK

Sample Value 0.000

Sample Time 13:47

Data Type SUBJ

Sample Value 0.000

Sample Time 13:48

Data Type BLK

Sample Value 0.000

Sample Time 13:49

Data Type SUBJ

Sample Value 0.000

Sample Time 13:50

Data Type BLK

Sample Value 0.000

Sample Time 13:51

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG332301-21

Standard Expiration Date 11/19/2015

Tank Pressure 600

Barometric Pressure 756 mmHg

Blow Sample Number 1 Blow Duration 4.07 sec

Blow Volume 1758 cc End-of-Blow Time 13:48

Blow Sample Number 2 Blow Duration 4.31 sec

Blow Volume 1799 cc End-of-Blow Time 13:50

Tamper Evident Stamp 7eaf1cf8

Test Status Code 0

Test Status Success

Intox EC/IR-II: Accuracy Check

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*Department of Forensic Science*

Serial Number: 010554      Test Number: 1041  
Test Date: 01/06/2015      Test Time: 13:53 EST  
Dry Gas Target: 0.100

Lot Number: AG332301-21      Exp Date: 11/19/2015  
Tank Pressure: 595 psi      Barometric Pressure: 756 mmHg  
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:53
CHK	0.100	13:54
BLK	0.000	13:56
CHK	0.100	13:56
BLK	0.000	13:58
CHK	0.100	13:58

Test Status: *Success*

Calibration CRC: 91E4234E

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Intox EC/IR-II: Accuracy Check

*Department of Forensic Science*

Serial Number: 010554      Test Number: 1042  
Test Date: 01/06/2015      Test Time: 14:01 EST  
Dry Gas Target: 0.298

Lot Number: AG428003-03      Exp Date: 10/07/2016  
Tank Pressure: 178 psi      Barometric Pressure: 756 mmHg  
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:02
CHK	0.302	14:02
BLK	0.000	14:04
CHK	0.301	14:05
BLK	0.000	14:07
CHK	0.301	14:08

Test Status: *Success*

Calibration CRC: 91E4234E