

AMS  
mmb

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010558** Worksheet Start Date **12/2/2014**

Location **Patrick County**

Address **742 Commerce St., Stuart, VA 24171**

DFS Technician **Heather Stanton** License No. **18910**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **744** Reference Barometer (mm HG) **740**

Reference Barometer(RB)Serial # **009113** RB Calibration Due **4/28/2015**

### Measurement Assurance Check

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.299
0.300	0.293	0.284	0.301	<b>Sample 2</b>	0.298
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.298
0.001		0.298	0.299		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.098
0.100	0.098	0.095	0.101	<b>Sample 2</b>	0.097
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.097
0.001		0.097	0.098		

Dry gas standard Lot No. (with tank no.) **AG406301-27**

- 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

010558

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

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DFS Technician Heath M. Stach Date ~~12/4/14~~ 12/8/14 *HMS*

Issuing Analyst Michelle B. Miller Date 12/5/14  
*JPD* 12/8/14 mmB

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 12/4/2014

*hms*  
*mmb*

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Instrument Serial Number: 010558

As of 04-Dec-14

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Start Date	End Date	Agency Name
02-Dec-14		Patrick County Sheriff's Office
16-Jul-14	02-Dec-14	DFS Central Lab
15-Apr-09	16-Jul-14	Leesburg PD
23-Jun-08	15-Apr-09	DFS Central Lab

HMS

MMS  
120514  
12-08/14 MMS

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

*Department of Forensic Science*

Serial Number: 010558      Test Number: 1366

Test Date: 12/02/2014      Test Time: 13:18 EST

Dry Gas Target: 0.293

Lot Number: AG428003-11      Exp Date: 10/07/2016

Tank Pressure: 463 psi      Barometric Pressure: 743 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:19
CHK	0.304	13:20
BLK	0.000	13:21
CHK	0.302	13:22
BLK	0.000	13:23
CHK	0.301	13:24

Test Status: *Success*

Calibration CRC: 2DF42040

Not in range for accuracy.

Per QA worksheet.

HMS  
12/2/14

HMS  
12/8/14

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

*Department of Forensic Science*

Serial Number: 010558      Test Number: 1367

Test Date: 12/02/2014      Test Time: 13:26 EST

Dry Gas Target: 0.293

Lot Number: AG428003-11      Exp Date: 10/07/2016

Tank Pressure: 453 psi      Barometric Pressure: 743 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:27
CHK	0.299	13:28
BLK	0.000	13:29
CHK	0.298	13:30
BLK	0.000	13:31
CHK	0.298	13:32

Test Status: *Success*

Calibration CRC: 2DF42040

*Handwritten initials*  
mmB

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

*Department of Forensic Science*

Serial Number: 010558      Test Number: 1368

Test Date: 12/02/2014      Test Time: 13:35 EST

Dry Gas Target: 0.098

Lot Number: AG406301-27      Exp Date: 03/04/2016

Tank Pressure: 1080 psi      Barometric Pressure: 743 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:35
CHK	0.098	13:36
BLK	0.000	13:38
CHK	0.097	13:39
BLK	0.000	13:40
CHK	0.097	13:41

Test Status: *Success*

Calibration CRC: 2DF42040

HMS  
mmB



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>DES</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>STANTON, HEATHER, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>18910</b>	LICENSE EXPIRES <b>10/01/2016</b>	DATE TEST CONDUCTED <b>12/02/2014</b>
TEST EQUIPMENT NUMBER <b>010558</b>		

RESULTS: TIME SAMPLE TAKEN **13:48 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 04 Dec 2014 at 18:31

*HMS*  
*mmb*

Test Results

**Instrument Serial Number 010558**

Test # 001369 Subject Test

Test Location 1 Department of  
Test Date 02 Dec 2014

Test Location 2 Forensic Science  
Test Time 13:42  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name STANTON  
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M

Card Serial Number 118910  
Subject's Last Name INSTRUMENT

Effective Date 10/01/2014 Expiration Date 10/01/2016

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 02 Dec 2014 End Time 13:49

Result Time 13:48

Result Date 02 Dec 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:42

Data Type BLK

Sample Value 0.000

Sample Time 13:43

Data Type CHK

Sample Value 0.097

Sample Time 13:44

Data Type BLK

Sample Value 0.000

Sample Time 13:45

Data Type SUBJ

Sample Value 0.000

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

Standard Type Dry Gas Std

Standard Value 0.098

Standard Lot Number AG406301-27

Standard Expiration Date 03/04/2016

Tank Pressure 1071

Barometric Pressure 743 mmHg

Blow Sample Number 1 Blow Duration 3.39 sec

Blow Volume 1746 cc End-of-Blow Time 13:46

Blow Sample Number 2 Blow Duration 3.55 sec

Blow Volume 1755 cc End-of-Blow Time 13:48

Tamper Evident Stamp fe5222ab

Test Status Code 0

Test Status Success