

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
10/10/2013 To 10/10/2014

HMS  
mmb

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Instrument Serial Number: 010482

As of 10-Oct-14

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Maintenance Certification Technician

Date

Date

Initials

Remarks

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10-Oct-14 22-May-14 HMS (18910) REPLACED UPS BACK-UP BATTERY.

22-May-14 22-May-14 HMS (18910) CERTIFIED

04-Dec-13 04-Dec-13 HMS (18910) FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.

LMS  
mmB

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010482** Worksheet Start Date **10/10/2014**  
Location **Henrico County Regional Jail East**  
Address **17320 New Kent Hwy, Barhamsville, VA 23011**  
DFS Technician **Heather Stanton** License No. **18910**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **761** Reference Barometer (mm HG) **762**  
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>	0.308
0.300	0.300	0.291	0.309	<b>Sample 2</b>	0.307
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.307
0.001		0.307	0.308		

<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>	0.101
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.101
0		0.101	0.101		

Dry gas standard Lot No. (with tank no.) **AG320502-30**

- Replaced dry gas standard (+O-ring)
- Installed at Location
- Removed to DFS-Central

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:



### Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010482

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

Heath W. Starb

Date

10/10/14

Issuing Analyst

Michelle Buller

Date

10/10/14

TIN

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>DFS</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>10/10/2014</b>
TEST EQUIPMENT NUMBER  <b>010482</b>		

RESULTS: TIME SAMPLE TAKEN 10:16 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

*Replaced UPS back-up battery. HMS 10/10/14*

**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

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 Oct 2014 at 12:10

*HMB*  
*MMB*

Test Results

**Instrument Serial Number 010482**

<b>Test # 002896</b>	<b>Subject Test</b>			
<b>Test Location 1</b> Department of		<b>Test Location 2</b> Forensic Science		<b>Test Location 3</b>
Test Date 10 Oct 2014		Test Time 10:10		System Check Passed
		Remote/Local Local		
<b>Operator's Last Name</b> STANTON		<b>Operator's First Name</b> HEATHER		<b>Operator's Middle Initial</b> M
Agency DFS Central Lab				License Number 18910
Card Serial Number 118910		Effective Date 10/01/2014		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 10 Oct 2014	End Time 10:17	Result Time 10:16	Result Date 10 Oct 2014	Result 0.00
Data Type DIAG		Sample Value Pass		Sample Time 10:10
Data Type BLK		Sample Value 0.000		Sample Time 10:11
Data Type CHK		Sample Value 0.103		Sample Time 10:12
Data Type BLK		Sample Value 0.000		Sample Time 10:13
Data Type SUBJ		Sample Value 0.000		Sample Time 10:14
Data Type BLK		Sample Value 0.000		Sample Time 10:15
Data Type SUBJ		Sample Value 0.000		Sample Time 10:16
Data Type BLK		Sample Value 0.000		Sample Time 10:17
Standard Type Dry Gas Std			Standard Value 0.100	
Standard Lot Number AG320502-30			Standard Expiration Date 07/24/2015	
Tank Pressure 875			Barometric Pressure 760 mmHg	
Blow Sample Number 1	Blow Duration 3.58 sec	Blow Volume 1726 cc	End-of-Blow Time 10:14	
Blow Sample Number 2	Blow Duration 3.64 sec	Blow Volume 1733 cc	End-of-Blow Time 10:16	
Tamper Evident Stamp 65239c5a		Test Status Code 0		
Test Status Success				

*AMS*  
*mms*

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

*Department of Forensic Science*

Serial Number: 010482      Test Number: 2897

Test Date: 10/10/2014      Test Time: 10:26 EDT

Dry Gas Target: 0.300

Lot Number: AG421201-05      Exp Date: 07/31/2016

Tank Pressure: 188 psi      Barometric Pressure: 760 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:27
CHK	0.308	10:28
BLK	0.000	10:29
CHK	0.307	10:30
BLK	0.000	10:31
CHK	0.307	10:32

• Test Status: *Success*

Calibration CRC: 494D7BAD

HMS  
mmB

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

*Department of Forensic Science*

Serial Number: 010482      Test Number: 2898

Test Date: 10/10/2014      Test Time: 10:34 EDT

Dry Gas Target: 0.100

Lot Number: AG320502-30      Exp Date: 07/24/2015

Tank Pressure: 875 psi      Barometric Pressure: 760 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:35
CHK	0.101	10:36
BLK	0.000	10:38
CHK	0.101	10:38
BLK	0.000	10:40
CHK	0.101	10:40

Test Status: *Success*

Calibration CRC: 494D7BAD

AMS  
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 INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 10/10/2014
TEST EQUIPMENT NUMBER 010482		

RESULTS: TIME SAMPLE TAKEN 10:48 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 10 Oct 2014 at 12:10

*HMB*  
*MMB*

Test Results

**Instrument Serial Number 010482**

<b>Test # 002899</b>	<b>Subject Test</b>	<b>Test Location 2 Forensic Science</b>		<b>Test Location 3</b>	
Test Location 1 Department of		Test Time 10:41		System Check Passed	
Test Date 10 Oct 2014		Remote/Local Local			
<b>Operator's Last Name STANTON</b>		<b>Operator's First Name HEATHER</b>		<b>Operator's Middle Initial M</b>	
Agency DFS Central Lab		License Number 18910			
Card Serial Number 118910		Effective Date 10/01/2014		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 10 Oct 2014	End Time 10:49	Result Time 10:48	Result Date 10 Oct 2014	Result 0.00	
Data Type DIAG		Sample Value Pass		Sample Time 10:42	
Data Type BLK		Sample Value 0.000		Sample Time 10:43	
Data Type CHK		Sample Value 0.101		Sample Time 10:43	
Data Type BLK		Sample Value 0.000		Sample Time 10:45	
Data Type SUBJ		Sample Value 0.000		Sample Time 10:45	
Data Type BLK		Sample Value 0.000		Sample Time 10:46	
Data Type SUBJ		Sample Value 0.000		Sample Time 10:48	
Data Type BLK		Sample Value 0.000		Sample Time 10:49	
Standard Type Dry Gas Std		Standard Value 0.100			
Standard Lot Number AG320502-30		Standard Expiration Date 07/24/2015			
Tank Pressure 865		Barometric Pressure 760 mmHg			
Blow Sample Number 1	Blow Duration 3.64 sec	Blow Volume 1716 cc	End-of-Blow Time 10:45		
Blow Sample Number 2	Blow Duration 3.52 sec	Blow Volume 1751 cc	End-of-Blow Time 10:48		
Tamper Evident Stamp 5a0b354d		Test Status Code 0			
Test Status Success					