

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
10/23/2013 To 10/23/2014

HMS  
Fred

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Instrument Serial Number: 010517

As of 23-Oct-14

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Maintenance Date	Certification Date	Technician Initials	Remarks
23-Oct-14	18-Aug-14	HMS (18910)	REPLACED DRY GAS STANDARD.
18-Aug-14	18-Aug-14	HMS (18910)	CERTIFIED
25-Feb-14	25-Feb-14	HMS (18910)	CERTIFIED

# INTOX EC/IR II Quality Assurance Worksheet

*Handwritten initials/signature*

Instrument Serial Number: 010517      Worksheet Start Date: 10/23/2014

Location: Fairfax County Adult Detention Center

Address: 10520 Judicial Dr., Fairfax, VA 22030

DFS Technician: Heather Stanton      License No.: 18910

Laboratory       On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 746      Reference Barometer (mm HG): 748

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>	
0.300	0.295	0.286	0.303	0.295	
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 2</b>	0.294
0.002		0.293	0.295	<b>Sample 3</b>	0.293

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	
0.100	0.098	0.095	0.101	0.097	
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 2</b>	0.097
0		0.097	0.097	<b>Sample 3</b>	0.097

Dry gas standard Lot No. (with tank no.): AG419702-49

- 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

010517

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

*Heath M. Stach*

Date

10/23/14

Issuing Analyst

*Jed*

Date

10/28/14

*JRO*

AMS  
Sed

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

*Department of Forensic Science*

Serial Number: 010517      Test Number: 713

Test Date: 10/23/2014      Test Time: 11:29 EDT

Dry Gas Target: 0.295

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

Tank Pressure: 71 psi      Barometric Pressure: 746 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:30
CHK	0.295	11:30
BLK	0.000	11:32
CHK	0.294	11:33
BLK	0.000	11:34
CHK	0.293	11:35

Test Status: *Success*

Calibration CRC: 27932710

Handwritten initials/signature in the top right corner.

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

*Department of Forensic Science*

Serial Number: 010517      Test Number: 714

Test Date: 10/23/2014      Test Time: 11:38 EDT

Dry Gas Target: 0.098

Lot Number: AG419702-49      Exp Date: 07/16/2016

Tank Pressure: 1120 psi      Barometric Pressure: 746 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:39
CHK	0.097	11:40
BLK	0.000	11:41
CHK	0.097	11:42
BLK	0.000	11:43
CHK	0.097	11:44

Test Status: *Success*

Calibration CRC: 27932710

HMS  
Sed



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  10/23/2014
TEST EQUIPMENT NUMBER  010517		

RESULTS: TIME SAMPLE TAKEN 11:52 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 23 Oct 2014 at 15:25

*HMS*  
*fred*

Test Results

**Instrument Serial Number 010517**

**Test # 000715**      Subject Test

Test Location 1 Department of  
Test Date 23 Oct 2014

Test Location 2 Forensic Science  
Test Time 11:46  
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

Effective Date 10/01/2014

License Number 18910

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 23 Oct 2014      End Time 11:53

Result Time 11:52

Result Date 23 Oct 2014      Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:46

Data Type BLK

Sample Value 0.000

Sample Time 11:47

Data Type CHK

Sample Value 0.097

Sample Time 11:47

Data Type BLK

Sample Value 0.000

Sample Time 11:49

Data Type SUBJ

Sample Value 0.000

Sample Time 11:50

Data Type BLK

Sample Value 0.000

Sample Time 11:51

Data Type SUBJ

Sample Value 0.000

Sample Time 11:52

Data Type BLK

Sample Value 0.000

Sample Time 11:53

Standard Type Dry Gas Std

Standard Value 0.098

Standard Lot Number AG419702-49

Standard Expiration Date 07/16/2016

Tank Pressure 1120

Barometric Pressure 746 mmHg

Blow Sample Number 1      Blow Duration 3.28 sec

Blow Volume 1826 cc      End-of-Blow Time 11:50

Blow Sample Number 2      Blow Duration 3.19 sec

Blow Volume 1766 cc      End-of-Blow Time 11:52

Tamper Evident Stamp f7b3ecb3

Test Status Code 0

Test Status Success