

HMS  
Sed

**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 1/6/2014**

**Instrument Serial Number: 010468**

**As of 06-Jan-14**

<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
03-Jan-14	16-Oct-13	HMS (18910)	REPLACED PRINTER.
26-Nov-13	16-Oct-13	HMS (18910)	REPLACED DRY GAS STANDARD, REPLACED PRINTER RIBBON.
16-Oct-13	16-Oct-13	HMS (18910)	CERTIFIED
25-Sep-13	25-Sep-13	TLN (25387)	CERTIFIED.
23-Sep-13	23-Sep-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
06-Dec-12	06-Dec-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
24-Oct-12	24-Oct-12	HMS (18910)	CERTIFIED
16-Oct-12	16-Oct-12	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
13-Jun-12	13-Jun-12	DBH (21250)	CALIBRATED, CERTIFIED AND ACCEPTED.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010468** Worksheet Start Date **1/3/2014**  
 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) **756** Reference Barometer (mm HG) **755**  
 Reference Barometer(RB)Serial # **009113** RB Calibration Due **5/8/2014**

### Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.298	0.289	0.306	0.303	0.303	0.302
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0.001		0.302	0.303			

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

Dry gas standard Lot No. (with tank no.) **AG217702-16**

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:



### Notes:

Replaced printer.

Instrument Serial Number

010468

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 M. Stach*

Date

*1/6/14*

Issuing Analyst

*SW*

Date

*1/10/14*

*msk*

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grad

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

*Department of Forensic Science*

Serial Number: 010468      Test Number: 1042

Test Date: 01/03/2014      Test Time: 11:22 EST

Dry Gas Target: 0.298

Lot Number: AG322702-08      Exp Date: 08/15/2015

Tank Pressure: 286 psi      Barometric Pressure: 755 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:23
CHK	0.303	11:24
BLK	0.000	11:25
CHK	0.303	11:26
BLK	0.000	11:28
CHK	0.302	11:29

Test Status: *Success*

Calibration CRC: 21A2382B

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

*Department of Forensic Science*

Serial Number: 010468      Test Number: 1043

Test Date: 01/03/2014      Test Time: 11:32 EST

Dry Gas Target: 0.099

Lot Number: AG217702-16      Exp Date: 06/25/2014

Tank Pressure: 335 psi      Barometric Pressure: 755 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:33
CHK	0.099	11:33
BLK	0.000	11:35
CHK	0.099	11:36
BLK	0.000	11:37
CHK	0.099	11:38

Test Status: *Success*

Calibration CRC: 21A2382B

*His  
Fred*



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>10/01/2014</b>	DATE TEST CONDUCTED <b>01/03/2014</b>
TEST EQUIPMENT NUMBER <b>010468</b>		

RESULTS: TIME SAMPLE TAKEN 11:46 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



*HMS*  
*sed*

Test Results

**Instrument Serial Number 010468**

**Test # 001044** Subject Test

Test Location 1 Department of  
Test Date 03 Jan 2014

Test Location 2 Forensic Science  
Test Time 11:40  
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

License Number 18910

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 03 Jan 2014 End Time 11:48

Result Time 11:46

Result Date 03 Jan 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:40

Data Type BLK

Sample Value 0.000

Sample Time 11:41

Data Type CHK

Sample Value 0.099

Sample Time 11:42

Data Type BLK

Sample Value 0.000

Sample Time 11:43

Data Type SUBJ

Sample Value 0.000

Sample Time 11:44

Data Type BLK

Sample Value 0.000

Sample Time 11:45

Data Type SUBJ

Sample Value 0.000

Sample Time 11:46

Data Type BLK

Sample Value 0.000

Sample Time 11:47

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG217702-16

Standard Expiration Date 06/25/2014

Tank Pressure 325

Barometric Pressure 755 mmHg

Blow Sample Number 1 Blow Duration 3.76 sec

Blow Volume 1718 cc End-of-Blow Time 11:44

Blow Sample Number 2 Blow Duration 3.69 sec

Blow Volume 1718 cc End-of-Blow Time 11:46

Tamper Evident Stamp 53a168cb

Test Status Code 0

Test Status Success

Department of Forensic Science  
Breath Alcohol Section  
Trouble Call Log  
1/1/1990 To 1/6/2014

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Instrument Serial Number: 010468

06-Jan-14

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**Date:** 14-Dec-12    **Time:** 3:52 AM    **Remote:** True    **Tech:** SED (24178)    **Location:** Prince William County PD

**Indication:** DISABLED

**Problem:** INSTRUMENT DISABLED. "HEATER OVER TEMPERATURE DETECTED" MESSAGE RECEIVED.

**Technician Response:** SITE VISIT CONDUCTED.

**Resolution:** REMOVED TO DFS-CENTRAL.

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**Date:** 02-Jan-14    **Time:** 8:48 AM    **Remote:** True    **Tech:** HMS (18910)    **Location:** Fairfax County PD

**Indication:** PRINTER NOT FUNCTIONING PROPERLY

**Problem:** PRINTER NOT FUNCTIONING PROPERLY

**Technician Response:** SITE VISIT CONDUCTED. ISSUE RESOLVED.

**Resolution:** NO FURTHER ACTION REQUIRED

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