

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

*HMS*  
*Sub*

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Instrument Serial Number: 010528

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, REPLACED PRINTER RIBBON.
18-Aug-14	18-Aug-14	DBH (21250)	CERTIFIED.
25-Feb-14	25-Feb-14	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.

**INTOX EC/IR II  
Quality Assurance Worksheet**

*Lines  
Sed*

Instrument Serial Number **010528** 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>	0.296
0.300	0.295	0.286	0.303	<b>Sample 2</b>	0.297
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.297
0.001		0.296	0.297		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.099
0.100	0.098	0.095	0.101	<b>Sample 2</b>	0.099
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.099
0		0.099	0.099		

Dry gas standard Lot No. (with tank no.) **AG419702-50**

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

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:



Notes:

Replaced printer ribbon.

Instrument Serial Number

010528

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

*10/23/14*

Issuing Analyst

*gud*

Date

*10/28/14*

*JPD*

AMS

sd

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

*Department of Forensic Science*

Serial Number: 010528      Test Number: 1330

Test Date: 10/23/2014      Test Time: 11:14 EDT

Dry Gas Target: 0.295

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

Tank Pressure: 61 psi      Barometric Pressure: 746 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:14
CHK	0.296	11:15
BLK	0.000	11:17
CHK	0.297	11:17
BLK	0.000	11:19
CHK	0.297	11:20

Test Status: *Success*

Calibration CRC: 2B7C5C5E

AMS  
SAD

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

*Department of Forensic Science*

Serial Number: 010528      Test Number: 1331

Test Date: 10/23/2014      Test Time: 11:24 EDT

Dry Gas Target: 0.098

Lot Number: AG419702-50      Exp Date: 07/16/2016

Tank Pressure: 1125 psi      Barometric Pressure: 746 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:25
CHK	0.099	11:25
BLK	0.000	11:27
CHK	0.099	11:28
BLK	0.000	11:29
CHK	0.099	11:30

Test Status: *Success*

Calibration CRC: 2B7C5C5E

lms  
jed



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>10/23/2014</b>
TEST EQUIPMENT NUMBER <b>010528</b>		

RESULTS: TIME SAMPLE TAKEN 11:38 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



*AMS*  
*Sub*

Test Results

**Instrument Serial Number 010528**

**Test # 001332**      Subject Test

Test Location 1    Department of  
Test Date    23 Oct 2014

Test Location 2    Forensic Science  
Test Time    11:31  
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    10/01/2014

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    23 Oct 2014      End Time    11:39

Result Time    11:38

Result Date    23 Oct 2014      Result    0.00

Data Type    DIAG

Sample Value    Pass

Sample Time    11:32

Data Type    BLK

Sample Value    0.000

Sample Time    11:32

Data Type    CHK

Sample Value    0.099

Sample Time    11:33

Data Type    BLK

Sample Value    0.000

Sample Time    11:34

Data Type    SUBJ

Sample Value    0.000

Sample Time    11:35

Data Type    BLK

Sample Value    0.000

Sample Time    11:36

Data Type    SUBJ

Sample Value    0.000

Sample Time    11:38

Data Type    BLK

Sample Value    0.000

Sample Time    11:39

Standard Type    Dry Gas Std

Standard Value    0.098

Standard Lot Number    AG419702-50

Standard Expiration Date    07/16/2016

Tank Pressure    1125

Barometric Pressure    746 mmHg

Blow Sample Number    1      Blow Duration    3.31 sec

Blow Volume    1821 cc      End-of-Blow Time    11:35

Blow Sample Number    2      Blow Duration    3.17 sec

Blow Volume    1806 cc      End-of-Blow Time    11:38

Tamper Evident Stamp    3e46e410

Test Status Code    0

Test Status    Success