

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
2/18/2014 To 2/18/2015

HMS  
Jed

Instrument Serial Number: 010483

As of 19-Feb-15

Maintenance Date	Certification Date	Technician Initials	Remarks
18-Feb-15	02-Feb-15	HMS (18910)	REPLACED PRINTER RIBBON, REPLACED UPS BACK-UP BATTERY.
09-Feb-15	02-Feb-15	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
02-Feb-15	02-Feb-15	MMB (26417)	CERTIFIED.
24-Nov-14	18-Sep-14	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
18-Sep-14	18-Sep-14	SED (24178)	CERTIFIED.
13-May-14	13-May-14	HMS (18910)	CERTIFIED

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

*HMS*  
*gid*

Instrument Serial Number **010483** Worksheet Start Date **2/18/2015**  
 Location **Chesapeake Bay Bridge Tunnel**  
 Address **2400 Northampton Blvd., Virginia Beach, 23455**  
 DFS Technician **Heather Stanton** License No. **18910**  
 Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **757** Reference Barometer (mm HG) **758**  
 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>	<b>0.306</b>
0.300	0.299	0.290	0.307	<b>Sample 2</b>	<b>0.305</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	<b>0.304</b>
0.002		0.304	0.306		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	<b>0.099</b>
0.100	0.100	0.097	0.103	<b>Sample 2</b>	<b>0.099</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	<b>0.099</b>
0		0.099	0.099		

Dry gas standard Lot No. (with tank no.)

**AG419702-39**

- 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. Replaced UPS back-up battery.

Instrument Serial Number

010483

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 Starch*

Date

*2/19/15 2/23/15*  
*#ms*

Issuing Analyst

*jed*  
*JRD*

Date

*2/20/15 2/23/15*  
*jed*

HMS  
gud



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>02/18/2015</b>
TEST EQUIPMENT NUMBER <b>010483</b>		

RESULTS: TIME SAMPLE TAKEN 13:33 EST

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

Replaced UPS back-up battery. HMS  
2/18/15

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

FOR COURT



**IntoxNet MIS Report**  
Report Generated 19 Feb 2015 at 08:34

*HMS*  
*fuel*

Test Results

**Instrument Serial Number 010483**

**Test # 000753**      Subject Test

Test Location 1    Department of  
Test Date    18 Feb 2015

Test Location 2    Forensic Science  
Test Time    13:27  
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    18 Feb 2015      End Time    13:34

Result Time    13:33

Result Date    18 Feb 2015      Result    0.00

Data Type    DIAG

Sample Value    Pass

Sample Time    13:27

Data Type    BLK

Sample Value    0.000

Sample Time    13:28

Data Type    CHK

Sample Value    0.100

Sample Time    13:28

Data Type    BLK

Sample Value    0.000

Sample Time    13:30

Data Type    SUBJ

Sample Value    0.000

Sample Time    13:30

Data Type    BLK

Sample Value    0.000

Sample Time    13:31

Data Type    SUBJ

Sample Value    0.000

Sample Time    13:33

Data Type    BLK

Sample Value    0.000

Sample Time    13:34

Standard Type    Dry Gas Std

Standard Value    0.100

Standard Lot Number    AG419702-39

Standard Expiration Date    07/16/2016

Tank Pressure    899

Barometric Pressure    757 mmHg

Blow Sample Number    1      Blow Duration    3.39 sec

Blow Volume    1743 cc      End-of-Blow Time    13:30

Blow Sample Number    2      Blow Duration    3.35 sec

Blow Volume    1729 cc      End-of-Blow Time    13:33

Tamper Evident Stamp    9261a794

Test Status Code    0

Test Status    Success

HMS  
Jed

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

*Department of Forensic Science*

Serial Number: 010483      Test Number: 754

Test Date: 02/18/2015      Test Time: 13:46 EST

Dry Gas Target: 0.299

Lot Number: AG428003-04      Exp Date: 10/07/2016

Tank Pressure: 242 psi      Barometric Pressure: 757 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:46
CHK	0.306	13:47
BLK	0.000	13:49
CHK	0.305	13:50
BLK	0.000	13:52
CHK	0.304	13:53

Test Status: *Success*

Calibration CRC: F379EFB5

HMS  
JL

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

*Department of Forensic Science*

Serial Number: 010483      Test Number: 755

Test Date: 02/18/2015      Test Time: 13:57 EST

Dry Gas Target: 0.100

Lot Number: AG419702-39      Exp Date: 07/16/2016

Tank Pressure: 884 psi      Barometric Pressure: 757 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:58
CHK	0.099	13:59
BLK	0.000	14:00
CHK	0.099	14:01
BLK	0.000	14:03
CHK	0.099	14:04

Test Status: *Success*

Calibration CRC: F379EFB5

11/15  
Ful



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>02/18/2015</b>
TEST EQUIPMENT NUMBER <b>010483</b>		

RESULTS: TIME SAMPLE TAKEN 14:13 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
----------------------

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

**FOR COURT**



**IntoxNet MIS Report**  
Report Generated 19 Feb 2015 at 08:00

*HMS*  
*pd*

Test Results

**Instrument Serial Number 010483**

**Test # 000756** Subject Test

Test Location 1 Department of  
Test Date 18 Feb 2015

Test Location 2 Forensic Science  
Test Time 14:06  
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 18 Feb 2015 End Time 14:14

Result Time 14:13

Result Date 18 Feb 2015 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:06

Data Type BLK

Sample Value 0.000

Sample Time 14:07

Data Type CHK

Sample Value 0.099

Sample Time 14:08

Data Type BLK

Sample Value 0.000

Sample Time 14:09

Data Type SUBJ

Sample Value 0.000

Sample Time 14:10

Data Type BLK

Sample Value 0.000

Sample Time 14:11

Data Type SUBJ

Sample Value 0.000

Sample Time 14:13

Data Type BLK

Sample Value 0.000

Sample Time 14:14

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG419702-39

Standard Expiration Date 07/16/2016

Tank Pressure 870

Barometric Pressure 757 mmHg

Blow Sample Number 1 Blow Duration 3.21 sec

Blow Volume 1769 cc End-of-Blow Time 14:10

Blow Sample Number 2 Blow Duration 3.33 sec

Blow Volume 1793 cc End-of-Blow Time 14:13

Tamper Evident Stamp 732da06f

Test Status Code 0

Test Status Success

Department of Forensic Science  
Breath Alcohol Section  
Trouble Call Log  
2/18/2015 To 2/23/2015

HMS  
2/23/15  
Jed

Instrument Serial Number: 010483

23-Feb-15

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**Date:** 18-Feb-15    **Time:** 9:21 AM    **Remote:** True    **Tech:** HMS (18910)    **Location:** Chesapeake Bay Bridge

**Indication:** OPERATOR QUESTION / COMMENT

**Problem:** OPERATOR STATED THAT THE UPS BACK-UP BATTERY IS BEEPING.

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

**Resolution:** NO FURTHER ACTION REQUIRED

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