

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 2/24/2014

HMS
SID

Instrument Serial Number: 010425

As of 24-Feb-14

Maintenance Date	Certification Date	Technician Initials	Remarks
20-Feb-14	14-Nov-13	HMS (18910)	REPLACED PRINTER RIBBON, REPLACED UPS BACK-UP BATTERY.
14-Nov-13	14-Nov-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
28-May-13	28-May-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
14-Dec-12	14-Dec-12	TLN (25387)	CERTIFIED.
03-Jul-12	03-Jul-12	TLN (25387)	CERTIFIED. REPLACED DRY GAS STANDARD.
19-Jan-12	19-Jan-12	DBH (21250)	CERTIFIED
28-Jul-11	28-Jul-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
01-Feb-11	01-Feb-11	RJP (22428)	CERTIFIED.
19-Aug-10	19-Aug-10	RJP (22428)	CERTIFIED.
03-Mar-10	03-Mar-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED
30-Sep-09	30-Sep-09	RJP (22428)	CERTIFIED.
30-Jul-09	30-Jul-09	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
14-Jul-09	14-Jul-09	RJP (22428)	CALIBRATED, CERTIFIED AND ACCEPTED.

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 010425 Worksheet Start Date: 2/20/2014

Location: Orange Co.

Address: 13021 James Madison Hwy, Orange, VA 22960

DFS Technician: Heather Stanton License No.: 18910

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 748 Reference Barometer (mm HG): 750

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	0.295	0.286	0.303	0.301	0.301	0.301
Precision		sample min	sample max			
0.001		0.300	0.301			

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

Dry gas standard Lot No. (with tank no.) AG230501-36

- 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

010425

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 Stack

Date

2/24/14

Issuing Analyst

Jiel

Date

2/27/14

TW

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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 10/01/2014	DATE TEST CONDUCTED 02/20/2014
TEST EQUIPMENT NUMBER 010425		

RESULTS: TIME SAMPLE TAKEN 15:11 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



AMS
fd

Test Results

Instrument Serial Number 010425

Test # 000962 Subject Test

Test Location 1 Department of
Test Date 20 Feb 2014

Test Location 2 Forensic Science
Test Time 15:05
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 20 Feb 2014 End Time 15:12

Result Time 15:11

Result Date 20 Feb 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:05

Data Type BLK

Sample Value 0.000

Sample Time 15:06

Data Type CHK

Sample Value 0.101

Sample Time 15:07

Data Type BLK

Sample Value 0.000

Sample Time 15:08

Data Type SUBJ

Sample Value 0.000

Sample Time 15:09

Data Type BLK

Sample Value 0.000

Sample Time 15:10

Data Type SUBJ

Sample Value 0.000

Sample Time 15:11

Data Type BLK

Sample Value 0.000

Sample Time 15:12

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG230501-36

Standard Expiration Date 10/31/2014

Tank Pressure 860

Barometric Pressure 749 mmHg

Blow Sample Number 1 Blow Duration 3.39 sec

Blow Volume 1737 cc End-of-Blow Time 15:09

Blow Sample Number 2 Blow Duration 3.46 sec

Blow Volume 1762 cc End-of-Blow Time 15:11

Tamper Evident Stamp a96c39c2

Test Status Code 0

Test Status Success

Handwritten initials/signature in the top right corner.

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010425 Test Number: 963

Test Date: 02/20/2014 Test Time: 15:21 EST

Dry Gas Target: 0.295

Lot Number: AG322702-05 Exp Date: 08/15/2015

Tank Pressure: 443 psi Barometric Pressure: 748 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:22
CHK	0.301	15:23
BLK	0.000	15:24
CHK	0.301	15:25
BLK	0.000	15:27
CHK	0.300	15:28

Test Status: *Success*

Calibration CRC: C094246F

HMS
Jed

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010425 Test Number: 964

Test Date: 02/20/2014 Test Time: 15:31 EST

Dry Gas Target: 0.098

Lot Number: AG230501-36 Exp Date: 10/31/2014

Tank Pressure: 850 psi Barometric Pressure: 748 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:31
CHK	0.100	15:32
BLK	0.000	15:34
CHK	0.100	15:34
BLK	0.000	15:36
CHK	0.100	15:37

Test Status: *Success*

Calibration CRC: C094246F

Handwritten initials/signature



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 10/01/2014	DATE TEST CONDUCTED 02/20/2014
TEST EQUIPMENT NUMBER 010425		

RESULTS: TIME SAMPLE TAKEN 15:44 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



*HMS
SUD*

Test Results

Instrument Serial Number 010425

Test # 000965 Subject Test

Test Location 1 Department of
Test Date 20 Feb 2014

Test Location 2 Forensic Science
Test Time 15:38
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 20 Feb 2014 End Time 15:45

Result Time 15:44

Result Date 20 Feb 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:38

Data Type BLK

Sample Value 0.000

Sample Time 15:39

Data Type CHK

Sample Value 0.100

Sample Time 15:40

Data Type BLK

Sample Value 0.000

Sample Time 15:41

Data Type SUBJ

Sample Value 0.000

Sample Time 15:42

Data Type BLK

Sample Value 0.000

Sample Time 15:43

Data Type SUBJ

Sample Value 0.000

Sample Time 15:44

Data Type BLK

Sample Value 0.000

Sample Time 15:45

Standard Type Dry Gas Std

Standard Value 0.098

Standard Lot Number AG230501-36

Standard Expiration Date 10/31/2014

Tank Pressure 840

Barometric Pressure 748 mmHg

Blow Sample Number 1 Blow Duration 3.59 sec

Blow Volume 1754 cc End-of-Blow Time 15:42

Blow Sample Number 2 Blow Duration 3.45 sec

Blow Volume 1728 cc End-of-Blow Time 15:44

Tamper Evident Stamp 2fdd438f

Test Status Code 0

Test Status Success

Department of Forensic Science
Breath Alcohol Section
Trouble Call Log
1/1/1990 To 2/18/2014

MMB
Jed
The

Instrument Serial Number: 010425

18-Feb-14

Date: 16-Feb-14 **Time:** 7:24 PM **Remote:** True **Tech:** MMB (26417) **Location:** Orange County SO

Indication: LOSS OF POWER

Problem: LOSS OF POWER.

Technician Response: AGENCY CONTACTED VIA PHONE. INSTRUMENT WAS POWERED OFF AND AGENCY RESTORED POWER.

Resolution: NO FURTHER ACTION REQUIRED
