Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/30/2013

HMS
gd

Instrument Serial Number: 010622 **As of 30-Dec-13**

Maintenance Date	Certification Date	Technician Initials	Remarks
30-Dec-13	12-Dec-13	HMS (18910)	REPLACED PRINTER RIBBON.
12-Dec-13	12-Dec-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED, REPLACED DRY GAS STANDARD.
02-Jul-13	02-Jul-13	DBH (21250)	CERTIFIED.
16-Jan-13	16-Jan-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
25-Jul-12	25-Jul-12	DBH (21250)	CERTIFIED.
07-Feb-12	07-Feb-12	TLN (25387)	CERTIFIED.
18-Aug-11	18-Aug-11	SED (24178)	REPLACED DRY GAS STANDARD, CERTIFIED.
29-Apr-11	17-Mar-11	RJP (22428)	REPLACED PRINTER RIBBON.
17-Mar-11	17-Mar-11	RJP (22428)	CERTIFIED.
30-Sep-10	30-Sep-10	RJP (22428)	CERTIFIED.
28-Jul-10	08-Apr-10	RJP (22428)	REPLACED DRY GAS STANDARD.
08-Apr-10	08-Apr-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED
20-Oct-09	20-Oct-09	RJP (22428)	CERTIFIED.
06-May-09	06-May-09	RJP (22428)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
12-Dec-08	12-Dec-08	RJP (22428)	CERTIFIED.
21-Nov-08	21-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

HMS
Std

INTOX EC/IR II
Quality Assurance Worksheet

Instrument Serial Number	010622	Worksheet Start Date	12/30/2013
Location	Campbell County		
Address	87 Courthouse Lane, Rustburg, VA 24588		
DFS Technician	Heather Stanton	License No.	18910

☐ Laboratory ☑ On-Site

Site Specification: No detrimental environmental conditions exist. ☑

Instrument Barometer (mm HG)	737	Reference Barometer (mm HG)	739
Reference Barometer(RB)Serial #	009113	RB Calibration Due	5/8/2014

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum		
0.300	0.291	0.282	0.299	Sample 1	0.296
Precision		sample min	sample max	Sample 2	0.296
0		0.296	0.296	Sample 3	0.296

Standard (sea level)	PA Target	minimum	maximum		
0.100	0.097	0.094	0.100	Sample 1	0.098
Precision		sample min	sample max	Sample 2	0.098
0		0.098	0.098	Sample 3	0.098

Dry gas standard Lot No. (with tank no.) AG320502-15

☐ 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 010622 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	
0.250		0.000	0.000	Sample 1
Precision		sample min	sample max	Sample 2
0		0.000	0.000	Sample 3

Standard (sea level)	PA Target	minimum	maximum	
0.150		0.000	0.000	Sample 1
Precision		sample min	sample max	Sample 2
0		0.000	0.000	Sample 3

Standard (sea level)	PA Target	minimum	maximum	
0.080		-0.003	0.003	Sample 1
Precision		sample min	sample max	Sample 2
0		0.000	0.000	Sample 3

Standard (sea level)	PA Target	minimum	maximum	
0.020		-0.003	0.003	Sample 1
Precision		sample min	sample max	Sample 2
0		0.000	0.000	Sample 3

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician Heather M Stanta Date 12/30/13

Issuing Analyst Date 1/2/14

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science
Serial Number: *010622* Test Number: *1090*
Test Date: *12/30/2013* Test Time: *11:28 EST*
Dry Gas Target: *0.291*
Lot Number: *AG322702-08* Exp Date: *08/15/2015*
Tank Pressure: *296 psi* Barometric Pressure: *737 mmHg*
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:29
CHK	0.296	11:30
BLK	0.000	11:31
CHK	0.296	11:32
BLK	0.000	11:34
CHK	0.296	11:35

Test Status: *Success*

Calibration CRC: BF7A46B5

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Sd

Intox EC/IR-II: Accuracy Check

Department of Forensic Science
Serial Number: *010622* Test Number: *1091*
Test Date: *12/30/2013* Test Time: *11:41 EST*
Dry Gas Target: *0.097*
Lot Number: *AG320502-15* Exp Date: *07/24/2015*
Tank Pressure: *1120 psi* Barometric Pressure: *737 mmHg*
System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:42
CHK	0.098	11:42
BLK	0.000	11:44
CHK	0.098	11:45
BLK	0.000	11:46
CHK	0.098	11:47

Test Status: *Success*

Calibration CRC: BF7A46B5

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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	NAME OF COURT
INSTRUMENT, TEST,	DFS

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY		AGENCY
STANTON, HEATHER, M		DFS Central Lab
DFS LICENSE NUMBER	LICENSE EXPIRES	DATE TEST CONDUCTED
18910	10/01/2014	12/30/2013
TEST EQUIPMENT NUMBER		
010622		

RESULTS: TIME SAMPLE TAKEN 11:55 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 30 Dec 2013 at 15:13

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Test Results

Instrument Serial Number 010622

Test # 001092 Subject Test

Test Location 1 Department of
Test Location 2 Forensic Science
Test Location 3
Test Date 30 Dec 2013
Test Time 11:48
System Check Passed
Remote/Local Local

Operator's Last Name STANTON
Operator's First Name HEATHER
Operator's Middle Initial M
Agency DFS Central Lab
License Number 18910
Card Serial Number 118910
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 30 Dec 2013 **End Time** 11:56 **Result Time** 11:55 **Result Date** 30 Dec 2013 **Result** 0.00

Data Type	DIAG	**Sample Value**	Pass	**Sample Time**	11:49
Data Type	BLK	**Sample Value**	0.000	**Sample Time**	11:50
Data Type	CHK	**Sample Value**	0.098	**Sample Time**	11:50
Data Type	BLK	**Sample Value**	0.000	**Sample Time**	11:52
Data Type	SUBJ	**Sample Value**	0.000	**Sample Time**	11:52
Data Type	BLK	**Sample Value**	0.000	**Sample Time**	11:53
Data Type	SUBJ	**Sample Value**	0.000	**Sample Time**	11:55
Data Type	BLK	**Sample Value**	0.000	**Sample Time**	11:56

Standard Type Dry Gas Std
Standard Value 0.097
Standard Lot Number AG320502-15
Standard Expiration Date 07/24/2015
Tank Pressure 1105
Barometric Pressure 737 mmHg

Blow Sample Number	1	**Blow Duration**	3.37 sec	**Blow Volume**	1780 cc	**End-of-Blow Time**	11:52
Blow Sample Number	2	**Blow Duration**	3.41 sec	**Blow Volume**	1793 cc	**End-of-Blow Time**	11:55

Tamper Evident Stamp f3d291af
Test Status Code 0
Test Status Success