

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 1/23/2014**

HMS
fid

Instrument Serial Number: 010564

As of 23-Jan-14

Maintenance Date	Certification Date	Technician Initials	Remarks
23-Jan-14	21-Aug-13	HMS (18910)	REPLACED DRY GAS STANDARD.
21-Aug-13	21-Aug-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
05-Mar-13	05-Mar-13	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
11-Sep-12	11-Sep-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
26-Mar-12	26-Mar-12	SED (24178)	CERTIFIED. REPLACED DRY GAS STANDARD.
04-Oct-11	04-Oct-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
18-Apr-11	18-Apr-11	HMS (18910)	CERTIFIED
21-Jan-11	30-Sep-10	RJP (22428)	REPLACED DRY GAS STANDARD.
30-Sep-10	30-Sep-10	RJP (22428)	CERTIFIED.
27-May-10	27-May-10	RJP (22428)	REPLACED DRY GAS STANDARD. CALIBRATED AND CERTIFIED.
08-Apr-10	08-Apr-10	RJP (22428)	REPLACED PRINTER. REPLACED DRY GAS STANDARD. CERTIFIED
20-Oct-09	20-Oct-09	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
05-May-09	05-May-09	RJP (22428)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
11-Dec-08	11-Dec-08	RJP (22428)	CERTIFIED.
20-Nov-08	20-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

Handwritten initials/signature

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 010564 Worksheet Start Date: 1/23/2014

Location: Greenville County

Address: 244 Uriah Branch Way, Emporia, VA 23847

DFS Technician: Heather Stanton License No.: 18910

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 763 Reference Barometer (mm HG): 766

Reference Barometer(RB)Serial #: 009113 RB Calibration Due: 5/8/2014

Measurement Assurance Check

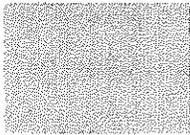
Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.301	0.291	0.310	0.303	0.302	0.302
Precision		sample min	sample max			
0.001		0.302	0.303			

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

Dry gas standard Lot No. (with tank no.): AG332301-01

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

- Supplies
- Mouthpieces
- Certificates of Analysis
- Operator Worksheet
- Other:



Notes:

Instrument Serial Number 010564

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 W. Stark Date 1/23/14

Issuing Analyst [Signature] Date 1/24/14
MSK

MS
Seal

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010564 Test Number: 1045

Test Date: 01/23/2014 Test Time: 11:03 EST

Dry Gas Target: 0.301

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

Tank Pressure: 159 psi Barometric Pressure: 763 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:04
CHK	0.303	11:04
BLK	0.000	11:06
CHK	0.302	11:07
BLK	0.000	11:08
CHK	0.302	11:10

Test Status: *Success*

Calibration CRC: D990C62B

AMS
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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010564 Test Number: 1046

Test Date: 01/23/2014 Test Time: 11:13 EST

Dry Gas Target: 0.100

Lot Number: AG332301-01 Exp Date: 11/19/2015

Tank Pressure: 1115 psi Barometric Pressure: 763 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:14
CHK	0.100	11:14
BLK	0.000	11:16
CHK	0.100	11:17
BLK	0.000	11:18
CHK	0.100	11:19

Test Status: *Success*

Calibration CRC: D990C62B

AMS
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 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 01/23/2014
TEST EQUIPMENT NUMBER 010564		

RESULTS: TIME SAMPLE TAKEN 11:26 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
 steel*

Test Results

Instrument Serial Number 010564

<p>Test # 001047 Subject Test</p> <p>Test Location 1 Department of Test Date 23 Jan 2014</p> <p>Operator's Last Name STANTON Agency DFS Central Lab</p> <p>Card Serial Number 118910</p> <p>Subject's Last Name INSTRUMENT Subject's Middle Initial</p> <p>Driver's License Number Driver's License State</p> <p>End Date 23 Jan 2014 End Time 11:28</p> <p>Data Type DIAG Sample Value Pass</p> <p>Data Type BLK Sample Value 0.000</p> <p>Data Type CHK Sample Value 0.099</p> <p>Data Type BLK Sample Value 0.000</p> <p>Data Type SUBJ Sample Value 0.000</p> <p>Data Type BLK Sample Value 0.000</p> <p>Data Type SUBJ Sample Value 0.000</p> <p>Data Type BLK Sample Value 0.000</p> <p>Standard Type Dry Gas Std</p> <p>Standard Lot Number AG332301-01</p> <p> Tank Pressure 1115</p> <p>Blow Sample Number 1 Blow Duration 3.34 sec</p> <p>Blow Sample Number 2 Blow Duration 3.38 sec</p> <p> Tamper Evident Stamp 22fb29d5</p> <p> Test Status Success</p>	<p>Test Location 2 Forensic Science</p> <p> Test Time 11:20</p> <p> Remote/Local Local</p> <p>Operator's First Name HEATHER</p> <p> License Number 18910</p> <p> Effective Date 10/01/2012</p> <p>Subject's Date of Birth 00/00/0000</p> <p> Subject's First Name TEST</p> <p> Subject's Sex Male</p> <p> Driver's License Expiration 00/00/0000</p> <p> Court Name DFS</p> <p>Result Time 11:26</p> <p>Sample Value Pass</p> <p>Sample Value 0.000</p> <p>Sample Value 0.099</p> <p>Sample Value 0.000</p> <p>Standard Value 0.100</p> <p>Barometric Pressure 763 mmHg</p> <p>Blow Volume 1782 cc</p> <p>Blow Volume 1763 cc</p>	<p>Test Location 3</p> <p>System Check Passed</p> <p>Operator's Middle Initial M</p> <p>Expiration Date 10/01/2014</p> <p>Result Date 23 Jan 2014 Result 0.00</p> <p>Sample Time 11:20</p> <p>Sample Time 11:21</p> <p>Sample Time 11:22</p> <p>Sample Time 11:23</p> <p>Sample Time 11:24</p> <p>Sample Time 11:25</p> <p>Sample Time 11:26</p> <p>Sample Time 11:27</p> <p>Standard Expiration Date 11/19/2015</p> <p>End-of-Blow Time 11:24</p> <p>End-of-Blow Time 11:26</p> <p>Test Status Code 0</p>
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