

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 1/9/2014

Instrument Serial Number: 010570 **As of 09-Jan-14**

Maintenance Date	Certification Date	Technician Initials	Remarks
08-Jan-14	29-Oct-13	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
29-Oct-13	29-Oct-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
14-May-13	14-May-13	DBH (21250)	CERTIFIED.
27-Nov-12	27-Nov-12	SED (24178)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
09-Aug-12	09-Aug-12	DBH (21250)	CERTIFIED
30-Jul-12	30-Jul-12	HMS (18910)	REPLACED AND TESTED FUEL CELL MODULE, CALIBRATED AND CERTIFIED.
06-Feb-12	06-Feb-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
18-Aug-11	18-Aug-11	HMS (18910)	CERTIFIED
10-Mar-11	10-Mar-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
29-Sep-10	29-Sep-10	HMS (18910)	CERTIFIED
22-Jun-10	13-Apr-10	RJP (22428)	REPLACED DRY GAS STANDARD.
13-Apr-10	13-Apr-10	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
28-Oct-09	28-Oct-09	RJP (22428)	CERTIFIED.
16-Jun-09	16-Jun-09	HMS (18910)	CALIBRATED AND CERTIFIED.
22-Apr-09	22-Apr-09	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DBH
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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010570** Worksheet Start Date **1/8/2014**
 Location **Carroll CO SO**
 Address **605 Pine St Hillsville VA 24343**
 DFS Technician **Donald Hall** License No. **21250**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **702** Reference Barometer (mm HG) **704**

Reference Barometer(RB)Serial # **009109** RB Calibration Due **8/1/2014**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.277	0.268	0.285	0.282	0.282	0.282
Precision		sample min	sample max			
0		0.282	0.282			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.092	0.089	0.095	0.094	0.094	0.094
Precision		sample min	sample max			
0		0.094	0.094			

Dry gas standard Lot No. (with tank no.) **AG320502-24**

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

Supplies
 Mouthpieces
 Certificates of Analysis
 Operator Worksheet
 Other:



Notes:

Replaced ups back-up battery.

Instrument Serial Number

010570

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

Donald B Hall

Date

11/9/14

Issuing Analyst

Jed
msk

Date

11/10/14

DBH
JWH



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 HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 01/08/2014
TEST EQUIPMENT NUMBER 010570		

RESULTS: TIME SAMPLE TAKEN 14:48 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



IntoxNet MIS Report

Report Generated 09 Jan 2014 at 10:24

JBH
1/10/14
fred

Test Results

Instrument Serial Number 010570

Test # 001747	Subject Test		
Test Location 1 Department of		Test Location 2 Forensic Science	Test Location 3
Test Date 08 Jan 2014		Test Time 14:42	System Check Passed
		Remote/Local Local	
Operator's Last Name HALL		Operator's First Name DONALD	Operator's Middle Initial B
Agency DFS Central Lab		License Number 21250	
Card Serial Number 121250		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 08 Jan 2014	End Time 14:50	Result Time 14:48	Result Date 08 Jan 2014 Result 0.00
Data Type DIAG		Sample Value Pass	Sample Time 14:42
Data Type BLK		Sample Value 0.000	Sample Time 14:43
Data Type CHK		Sample Value 0.094	Sample Time 14:44
Data Type BLK		Sample Value 0.000	Sample Time 14:45
Data Type SUBJ		Sample Value 0.000	Sample Time 14:46
Data Type BLK		Sample Value 0.000	Sample Time 14:47
Data Type SUBJ		Sample Value 0.000	Sample Time 14:48
Data Type BLK		Sample Value 0.000	Sample Time 14:49
Standard Type Dry Gas Std		Standard Value 0.092	
Standard Lot Number AG320502-24		Standard Expiration Date 07/24/2015	
Tank Pressure 1120		Barometric Pressure 702 mmHg	
Blow Sample Number 1	Blow Duration 3.46 sec	Blow Volume 1806 cc	End-of-Blow Time 14:46
Blow Sample Number 2	Blow Duration 3.72 sec	Blow Volume 1910 cc	End-of-Blow Time 14:48
Tamper Evident Stamp edd488b5		Test Status Code 0	
Test Status Success			

Intox EC/IR-II: Accuracy Check

DBI
sd

Department of Forensic Science

Serial Number: 010570 Test Number: 1748

Test Date: 01/08/2014 Test Time: 14:59 EST

Dry Gas Target: 0.277

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 198 psi Barometric Pressure: 702 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:59
CHK	0.282	15:00
BLK	0.000	15:02
CHK	0.282	15:03
BLK	0.000	15:04
CHK	0.282	15:05

Test Status: *Success*

Calibration CRC: 5626B5CC

Intox EC/IR-II: Accuracy Check

DBH
Sed

Department of Forensic Science

Serial Number: 010570 Test Number: 1749
Test Date: 01/08/2014 Test Time: 15:08 EST
Dry Gas Target: 0.092

Lot Number: AG320502-24 Exp Date: 07/24/2015
Tank Pressure: 1120 psi Barometric Pressure: 702 mmHg
System Check: Passed

Test	g/210L	Time
BLK	0.000	15:08
CHK	0.094	15:09
BLK	0.000	15:11
CHK	0.094	15:12
BLK	0.000	15:13
CHK	0.094	15:14

Test Status: Success

Calibration CRC: 5626B5CC

DBA
red



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 HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 01/08/2014
TEST EQUIPMENT NUMBER 010570		

RESULTS: TIME SAMPLE TAKEN 15:22 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

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SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report
Report Generated 09 Jan 2014 at 10:24

DBH
1/10/14
DBH

Test Results

Instrument Serial Number 010570

Test # 001750	Subject Test		
Test Location 1 Department of	Test Location 2 Forensic Science	Test Location 3	
Test Date 08 Jan 2014	Test Time 15:16	System Check Passed	
	Remote/Local Local		
Operator's Last Name HALL	Operator's First Name DONALD	Operator's Middle Initial B	
Agency DFS Central Lab	License Number 21250		
Card Serial Number 121250	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 08 Jan 2014	End Time 15:24	Result Time 15:22	Result Date 08 Jan 2014
			Result 0.00
Data Type DIAG	Sample Value Pass		Sample Time 15:16
Data Type BLK	Sample Value 0.000		Sample Time 15:17
Data Type CHK	Sample Value 0.094		Sample Time 15:18
Data Type BLK	Sample Value 0.000		Sample Time 15:19
Data Type SUBJ	Sample Value 0.000		Sample Time 15:20
Data Type BLK	Sample Value 0.000		Sample Time 15:21
Data Type SUBJ	Sample Value 0.000		Sample Time 15:22
Data Type BLK	Sample Value 0.000		Sample Time 15:23
Standard Type Dry Gas Std	Standard Value 0.092		
Standard Lot Number AG320502-24	Standard Expiration Date 07/24/2015		
Tank Pressure 1120	Barometric Pressure 701 mmHg		
Blow Sample Number 1	Blow Duration 4.27 sec	Blow Volume 2131 cc	End-of-Blow Time 15:20
Blow Sample Number 2	Blow Duration 3.97 sec	Blow Volume 1891 cc	End-of-Blow Time 15:22
Tamper Evident Stamp 2e1bcf96	Test Status Code 0		
Test Status Success			