

Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 4/23/2015

Instrument Serial Number: 010492

As of 23-Apr-15

Start Date	End Date	Agency Name
22-Apr-15		Blacksburg PD
07-Apr-15	22-Apr-15	DFS Central Lab
12-Dec-14	07-Apr-15	King & Queen Sheriff's Office
02-Dec-14	12-Dec-14	DFS Central Lab
18-Jun-14	02-Dec-14	Henry County Sheriff's Office
28-May-14	18-Jun-14	DFS Central Lab
10-Apr-13	28-May-14	Amherst County SO
28-Mar-13	10-Apr-13	DFS Central Lab
08-May-09	28-Mar-13	Amherst County SO
19-May-08	08-May-09	DFS Central Lab

DBH
mmB

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
4/22/2014 To 4/23/2015

Instrument Serial Number: 010492 As of 23-Apr-15

Maintenance Date	Certification Date	Technician Initials	Remarks
22-Apr-15	17-Apr-15	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
17-Apr-15	17-Apr-15	DBH (21250)	CERTIFIED.
10-Dec-14	10-Dec-14	MMB (26417)	CERTIFIED.
17-Sep-14	09-Jun-14	HMS (18910)	REPLACED UPS BACK-UP BATTERY.
18-Jun-14	09-Jun-14	HMS (18910)	REPLACED PRINTER RIBBON.
09-Jun-14	09-Jun-14	TLN (25387)	CERTIFIED.

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010492 Worksheet Start Date 4/22/2015
Location Blacksburg PD
Address 200 Clay St SW Blacksburg VA 24060
DFS Technician Donald Hall License No. 21250

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) 699 Reference Barometer (mm HG) 701
Reference Barometer(RB)Serial # 009109 RB Calibration Due 7/28/2015

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.276	0.267	0.284	0.283	0.282	0.282
Precision		sample min	sample max			
0.001		0.282	0.283			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.092	0.089	0.095	0.093	0.093	0.093
Precision		sample min	sample max			
0		0.093	0.093			

Dry gas standard Lot No. (with tank no.) AG406301-25

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

Supplies	
Mouthpieces	50
Certificates of Analysis	50
Operator Worksheet	50
Other:	

Notes: Replaced UPS back-up battery.



Instrument Serial Number

010492

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

4/23/15

Issuing Analyst

Michelle Buller
MB

Date

4/24/15

DBH
mmB

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010492 Test Number: 1692
Test Date: 04/22/2015 Test Time: 11:39 EDT
Dry Gas Target: 0.276
Lot Number: AG428003-05 Exp Date: 10/07/2016
Tank Pressure: 66 psi Barometric Pressure: 699 mmHg
System Check: Passed

Test	g/210L	Time
BLK	0.000	11:40
CHK	0.283	11:41
BLK	0.000	11:42
CHK	0.282	11:43
BLK	0.000	11:45
CHK	0.282	11:46

Test Status: Success

Calibration CRC: 6203859B

DBH
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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010492 Test Number: 1693

Test Date: 04/22/2015 Test Time: 11:49 EDT

Dry Gas Target: 0.092

Lot Number: AG406301-25 Exp Date: 03/04/2016

Tank Pressure: 674 psi Barometric Pressure: 699 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	11:49
CHK	0.093	11:50
BLK	0.000	11:52
CHK	0.093	11:53
BLK	0.000	11:54
CHK	0.093	11:55

Test Status: Success

Calibration CRC: 6203859B

DBH
mm B



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 71250	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 04/22/2015
TEST EQUIPMENT NUMBER 010492		

12:04 EDT

RESULTS: TIME SAMPLE TAKEN _____
0.00

SAMPLE'S ALCOHOL CONTENT _____ 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

