

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 2/23/2015

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Instrument Serial Number: 010438

As of 23-Feb-15

Start Date	End Date	Agency Name
19-Feb-15		Galax PD
03-Feb-15	19-Feb-15	DFS Central Lab
12-Dec-14	03-Feb-15	Virginia Beach PD
13-Nov-14	12-Dec-14	DFS Central Lab
26-Aug-14	13-Nov-14	Virginia Beach PD
20-Aug-14	26-Aug-14	DFS Central Lab
13-Mar-14	20-Aug-14	Smyth County SO
06-Mar-14	13-Mar-14	DFS Central Lab
15-Jul-10	06-Mar-14	Halifax County Sheriff's Office
08-May-09	15-Jul-10	DFS Central Lab
13-Nov-08	08-May-09	Amherst County SO
27-May-08	13-Nov-08	DFS Central Lab

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010438** Worksheet Start Date **2/19/2015**

Location **Galax PD**

Address **353 N Main St Galax VA 24333**

DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **700** 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	0.279	0.279	0.278
Precision		sample min	sample max			
0.001		0.278	0.279			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.092	0.089	0.095	0.091	0.091	0.091
Precision		sample min	sample max			
0		0.091	0.091			

Dry gas standard Lot No. (with tank no.) **AG400202-38**

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

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:

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### Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010438

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.250		0.000	0.000	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

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

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

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.020		-0.003	0.003	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
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

*2/23/15*

Issuing Analyst

*Jed*  
*JPD*

Date

*2/27/15*

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**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010438      Test Number: 971

Test Date: 02/19/2015      Test Time: 10:32 EST

Dry Gas Target: 0.276

Lot Number: AG428003-10      Exp Date: 10/07/2016

Tank Pressure: 95 psi      Barometric Pressure: 699 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:33
CHK	0.279	10:34
BLK	0.000	10:36
CHK	0.279	10:37
BLK	0.000	10:38
CHK	0.278	10:39

Test Status: *Success*

Calibration CRC: 9EB5CF9C

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**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010438      Test Number: 972

Test Date: 02/19/2015      Test Time: 10:42 EST

Dry Gas Target: 0.092

Lot Number: AG400202-38      Exp Date: 01/02/2016

Tank Pressure: 963 psi      Barometric Pressure: 699 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:43
CHK	0.091	10:44
BLK	0.000	10:45
CHK	0.091	10:46
BLK	0.000	10:47
CHK	0.091	10:48

Test Status: *Success*

Calibration CRC: 9EB5CF9C

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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 <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>HALL, DONALD, B</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>21250</b>	LICENSE EXPIRES <b>10/01/2016</b>	DATE TEST CONDUCTED <b>02/19/2015</b>
TEST EQUIPMENT NUMBER <b>010438</b>		

RESULTS: TIME SAMPLE TAKEN 10:57 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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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

