

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 8/6/2014

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**Instrument Serial Number:** 010436 **As of 06-Aug-14**

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<b>Start Date</b>	<b>End Date</b>	<b>Agency Name</b>
04-Aug-14		DFS Central Lab
30-Jan-14	04-Aug-14	Cumberland County Sheriff's Office
08-May-08	30-Jan-14	DFS Central Lab

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010436** Worksheet Start Date **8/4/2014**  
Location **Cumberland CO SO**  
Address **1492 Anderson Hwy Cumberland VA 23040**  
DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **754** Reference Barometer (mm HG) **751**  
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	0.297	0.288	0.305	0.296	0.296	0.295
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0.001		0.295	0.296			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.099	0.096	0.102	0.099	0.099	0.099
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0		0.099	0.099			

Dry gas standard Lot No. (with tank no.) **AG400202-42**

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

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:



Notes:

[Redacted area]

Instrument Serial Number

010436

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

*8/6/14*

Issuing Analyst

*Michelle Bell*

Date

*8/8/14*

*TLW*

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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 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 08/04/2014
TEST EQUIPMENT NUMBER 010436		

RESULTS: TIME SAMPLE TAKEN 15:06 EDT

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



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Test Results

**Instrument Serial Number 010436**

<b>Test # 001043</b>	<b>Subject Test</b>		
<b>Test Location 1</b> Department of		<b>Test Location 2</b> Forensic Science	<b>Test Location 3</b>
Test Date 04 Aug 2014		Test Time 15:00	System Check Passed
		Remote/Local Local	
<b>Operator's Last Name</b> HALL		<b>Operator's First Name</b> DONALD	<b>Operator's Middle Initial</b> B
Agency DFS Central Lab		License Number 21250	
<b>Card Serial Number</b> 121250		<b>Effective Date</b> 10/01/2012	<b>Expiration Date</b> 10/01/2014
<b>Subject's Last Name</b> INSTRUMENT		<b>Subject's First Name</b> TEST	
<b>Subject's Middle Initial</b>		<b>Subject's Date of Birth</b> 00/00/0000	<b>Subject's Sex</b> Male
<b>Driver's License Number</b>		<b>Driver's License Expiration</b> 00/00/0000	
	<b>Driver's License State</b>	<b>Court Name</b> DFS	
<b>End Date</b> 04 Aug 2014	<b>End Time</b> 15:08	<b>Result Time</b> 15:06	<b>Result Date</b> 04 Aug 2014
			<b>Result</b> 0.00
<b>Data Type</b> DIAG		<b>Sample Value</b> Pass	<b>Sample Time</b> 15:00
<b>Data Type</b> BLK		<b>Sample Value</b> 0.000	<b>Sample Time</b> 15:01
<b>Data Type</b> CHK		<b>Sample Value</b> 0.099	<b>Sample Time</b> 15:02
<b>Data Type</b> BLK		<b>Sample Value</b> 0.000	<b>Sample Time</b> 15:03
<b>Data Type</b> SUBJ		<b>Sample Value</b> 0.000	<b>Sample Time</b> 15:04
<b>Data Type</b> BLK		<b>Sample Value</b> 0.000	<b>Sample Time</b> 15:05
<b>Data Type</b> SUBJ		<b>Sample Value</b> 0.000	<b>Sample Time</b> 15:06
<b>Data Type</b> BLK		<b>Sample Value</b> 0.000	<b>Sample Time</b> 15:07
<b>Standard Type</b> Dry Gas Std		<b>Standard Value</b> 0.099	
<b>Standard Lot Number</b> AG400202-42		<b>Standard Expiration Date</b> 01/02/2016	
<b>Tank Pressure</b> 1061		<b>Barometric Pressure</b> 754 mmHg	
<b>Blow Sample Number</b> 1	<b>Blow Duration</b> 3.67 sec	<b>Blow Volume</b> 1937 cc	<b>End-of-Blow Time</b> 15:04
<b>Blow Sample Number</b> 2	<b>Blow Duration</b> 4.32 sec	<b>Blow Volume</b> 2072 cc	<b>End-of-Blow Time</b> 15:06
<b>Tamper Evident Stamp</b> 1017be2c		<b>Test Status Code</b> 0	
<b>Test Status</b> Success			

Intox EC/IR-II: Accuracy Check

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Serial Number: 010436      Test Number: 1044

Test Date: 08/04/2014      Test Time: 15:09 EDT

Dry Gas Target: 0.099

Lot Number: AG400202-42      Exp Date: 01/02/2016

Tank Pressure: 1056 psi      Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:10
CHK	0.099	15:10
BLK	0.000	15:12
CHK	0.099	15:13
BLK	0.000	15:14
CHK	0.099	15:15

Test Status: *Success*

Calibration CRC: E80628EC

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Intox EC/IR-II: Accuracy Check

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Serial Number: 010436 Test Number: 1045

Test Date: 08/04/2014 Test Time: 15:17 EDT

Dry Gas Target: 0.297

Lot Number: AG334603-06 Exp Date: 12/12/2015

Tank Pressure: 291 psi Barometric Pressure: 753 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:18
CHK	0.296	15:19
BLK	0.000	15:21
CHK	0.296	15:21
BLK	0.000	15:23
CHK	0.295	15:23

Test Status: Success

Calibration CRC: E80628EC