

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 10/22/2014

*His  
sed*

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Instrument Serial Number: 012221

As of 22-Oct-14

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Start Date	End Date	Agency Name
21-Oct-14		DFS Central Lab
21-May-14	21-Oct-14	Bath County SO
07-May-14	21-May-14	DFS Central Lab
08-Jun-12	07-May-14	Augusta County SO
16-May-12	08-Jun-12	DFS Central Lab

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number: 012221      Worksheet Start Date: 10/21/2014

Location: Bath County

Address: 85 Courthouse Hill Rd., Warm Springs, VA 24484

DFS Technician: Heather Stanton      License No.: 18910

Laboratory       On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG): 694      Reference Barometer (mm HG): 700

Reference Barometer(RB)Serial #: 009113      RB Calibration Due: 4/28/2015

### Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.274	0.265	0.282	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	0.091	0.088	0.094	0.093	0.093	0.093
Precision		sample min	sample max			
0		0.093	0.093			

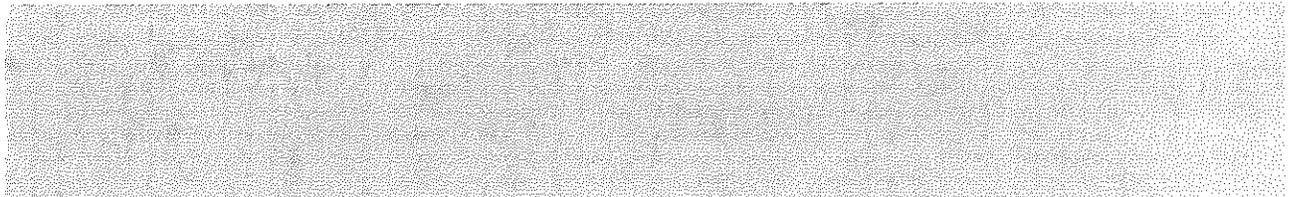
Dry gas standard Lot No. (with tank no.): AG406301-11

- 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

012221

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

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DFS Technician Heath W. Storch Date 10/22/14

Issuing Analyst JPD Date 10/23/14

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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>BTANTON, HEATHER, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>18910</b>	LICENSE EXPIRES <b>10/01/2016</b>	DATE TEST CONDUCTED <b>10/21/2014</b>
TEST EQUIPMENT NUMBER <b>012221</b>		

RESULTS: TIME SAMPLE TAKEN 10:13 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

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



*Handwritten signature*

Test Results

**Instrument Serial Number 012221**

**Test # 000459** Subject Test

Test Location 1 Department of  
Test Date 21 Oct 2014

Test Location 2 Forensic Science  
Test Time 10:07  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name STANTON  
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M

Card Serial Number 118910

License Number 18910

Effective Date 10/01/2014

Expiration Date 10/01/2016

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 21 Oct 2014 End Time 10:14

Result Time 10:13

Result Date 21 Oct 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 10:07

Data Type BLK

Sample Value 0.000

Sample Time 10:08

Data Type CHK

Sample Value 0.093

Sample Time 10:09

Data Type BLK

Sample Value 0.000

Sample Time 10:10

Data Type SUBJ

Sample Value 0.000

Sample Time 10:11

Data Type BLK

Sample Value 0.000

Sample Time 10:12

Data Type SUBJ

Sample Value 0.000

Sample Time 10:13

Data Type BLK

Sample Value 0.000

Sample Time 10:14

Standard Type Dry Gas Std

Standard Value 0.091

Standard Lot Number AG406301-11

Standard Expiration Date 03/04/2016

Tank Pressure 1100

Barometric Pressure 694 mmHg

Blow Sample Number 1 Blow Duration 3.48 sec

Blow Volume 1786 cc End-of-Blow Time 10:11

Blow Sample Number 2 Blow Duration 3.45 sec

Blow Volume 1780 cc End-of-Blow Time 10:13

Tamper Evident Stamp c880d0e2

Test Status Code 0

Test Status Success

ANS  
Jrel

**Intox EC/IR-11: Accuracy Check**

*Department of Forensic Science*

Serial Number: 012221      Test Number: 460

Test Date: 10/21/2014      Test Time: 10:15 EDT

Dry Gas Target: 0.091

Lot Number: AG406301-11      Exp Date: 03/04/2016

Tank Pressure: 1095 psi      Barometric Pressure: 694 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:16
CHK	0.093	10:17
BLK	0.000	10:18
CHK	0.093	10:19
BLK	0.000	10:20
CHK	0.093	10:21

Test Status: *Success*

Calibration CRC: 719D940F

AMS  
Fred

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

*Department of Forensic Science*

Serial Number: 012221      Test Number: 461

Test Date: 10/21/2014      Test Time: 10:24 EDT

Dry Gas Target: 0.274

Lot Number: AG421201-05      Exp Date: 07/31/2016

Tank Pressure: 129 psi      Barometric Pressure: 694 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:24
CHK	0.279	10:25
BLK	0.000	10:27
CHK	0.279	10:28
BLK	0.000	10:29
CHK	0.278	10:30

Test Status: *Success*

Calibration CRC: 719D940F