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**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
9/19/2013 To 9/19/2014**

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**Instrument Serial Number: 012049**

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**As of 19-Sep-14**

<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
19-Sep-14	25-Aug-14	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
29-Aug-14	25-Aug-14	TLN (25387)	CORRECTED DRY GAS STANDARD EXPIRATION DATE IN INSTRUMENT MEMORY.
25-Aug-14	25-Aug-14	DBH (21250)	CERTIFIED.
26-Feb-14	26-Feb-14	HMS (18910)	CERTIFIED
27-Nov-13	27-Nov-13	MMB (26417)	CALIBRATED BAROMETRIC PRESSURE SENSOR. CERTIFIED.
27-Sep-13	28-Aug-13	MMB (26417)	REPLACED DRY GAS STANDARD.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **012049** Worksheet Start Date **9/19/2014**  
Location **Suffolk PD**  
Address **230 E Washington St Suffolk VA 23434**  
DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **766** Reference Barometer (mm HG) **764**  
Reference Barometer(RB)Serial # **009109** RB Calibration Due **7/28/2015**

### Measurement Assurance Check

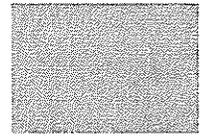
Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.302	0.292	0.311	0.304	0.303	0.302
Precision		sample min	sample max			
0.002		0.302	0.304			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.101	0.097	0.104	0.100	0.100	0.100
Precision		sample min	sample max			
0		0.100	0.100			

Dry gas standard Lot No. (with tank no.) **AG316301-29**

- 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

012049

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 Donald B Hall Date 9/19/14

Issuing Analyst msk Date 9/23/14

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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 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 09/19/2014
TEST EQUIPMENT NUMBER 012049		

RESULTS: TIME SAMPLE TAKEN 12:31 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



# IntoxNet MIS Report

Report Generated 19 Sep 2014 at 14:54

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## Test Results

**Instrument Serial Number 012049**

**Test # 002075**      Subject Test

Test Location 1    Department of	Test Location 2    Forensic Science	Test Location 3
Test Date    19 Sep 2014	Test Time    12:25	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    19 Sep 2014	End Time    12:32	Result Time    12:31
		Result Date    19 Sep 2014
		Result    0.00
Data Type    DIAG	Sample Value    Pass	Sample Time    12:25
Data Type    BLK	Sample Value    0.000	Sample Time    12:26
Data Type    CHK	Sample Value    0.100	Sample Time    12:27
Data Type    BLK	Sample Value    0.000	Sample Time    12:28
Data Type    SUBJ	Sample Value    0.000	Sample Time    12:29
Data Type    BLK	Sample Value    0.000	Sample Time    12:30
Data Type    SUBJ	Sample Value    0.000	Sample Time    12:31
Data Type    BLK	Sample Value    0.000	Sample Time    12:32
Standard Type    Dry Gas Std	Standard Value    0.101	
Standard Lot Number    AG316301-29	Standard Expiration Date    06/12/2015	
Tank Pressure    958	Barometric Pressure    766 mmHg	
Blow Sample Number    1	Blow Duration    4.73 sec	Blow Volume    2210 cc
		End-of-Blow Time    12:29
Blow Sample Number    2	Blow Duration    4.45 sec	Blow Volume    2139 cc
		End-of-Blow Time    12:31
Tamper Evident Stamp    24f9c2d8	Test Status Code    0	
Test Status    Success		

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 012049 Test Number: 2073

Test Date: 09/19/2014 Test Time: 12:08 EDT

Dry Gas Target: 0.302

Lot Number: AG421201-02 Exp Date: 07/31/2016

Tank Pressure: 487 psi Barometric Pressure: 766 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:09
CHK	0.304	12:10
BLK	0.000	12:11
CHK	0.303	12:12
BLK	0.000	12:13
CHK	0.302	12:14

Test Status: Success

Calibration CRC: 9740404D

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 012049 Test Number: 2074

Test Date: 09/19/2014 Test Time: 12:17 EDT

Dry Gas Target: 0.101

Lot Number: AG316301-29 Exp Date: 06/12/2015

Tank Pressure: 973 psi Barometric Pressure: 766 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:17
CHK	0.100	12:18
BLK	0.000	12:20
CHK	0.100	12:20
BLK	0.000	12:22
CHK	0.100	12:22

Test Status: Success

Calibration CRC: 9740404D

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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 09/19/2014
TEST EQUIPMENT NUMBER 012049		

RESULTS: TIME SAMPLE TAKEN 11:56 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



**IntoxNet MIS Report**  
Report Generated 19 Sep 2014 at 14:54

DBH  
JH

Test Results

**Instrument Serial Number 012049**

**Test # 002072**      Subject Test

Test Location 1 Department of  
Test Date 19 Sep 2014

Test Location 2 Forensic Science  
Test Time 11:50  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name HALL  
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B

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 19 Sep 2014      End Time 11:57

Result Time 11:56

Result Date 19 Sep 2014      Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:50

Data Type BLK

Sample Value 0.000

Sample Time 11:51

Data Type CHK

Sample Value 0.101

Sample Time 11:52

Data Type BLK

Sample Value 0.000

Sample Time 11:53

Data Type SUBJ

Sample Value 0.000

Sample Time 11:54

Data Type BLK

Sample Value 0.000

Sample Time 11:55

Data Type SUBJ

Sample Value 0.000

Sample Time 11:56

Data Type BLK

Sample Value 0.000

Sample Time 11:57

Standard Type Dry Gas Std

Standard Value 0.101

Standard Lot Number AG316301-29

Standard Expiration Date 06/12/2015

Tank Pressure 977

Barometric Pressure 766 mmHg

Blow Sample Number 1      Blow Duration 4.04 sec

Blow Volume 1892 cc      End-of-Blow Time 11:54

Blow Sample Number 2      Blow Duration 4.07 sec

Blow Volume 1927 cc      End-of-Blow Time 11:56

Tamper Evident Stamp f22b6a3a

Test Status Code 0

Test Status Success