



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010599
CERTIFICATION DATE: January 15, 2014
DATE RECERTIFICATION DUE: July 14, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science as required by §9.1-1101 (B)(3). Measurement traceability is established through the use of reference materials supplied by an ISO/IEC 17025:2005 accredited calibration laboratory.

Estimation of Uncertainty of Measurement:

0.020 ± 0.004 g/210 L 0.150 ± 0.007 g/210 L
0.080 ± 0.004 g/210 L 0.250 ± 0.007 g/210 L

The Uncertainty of Measurement is reported at the 99.73% level of confidence and a coverage factor of k=3. The estimation of the Uncertainty of Measurement is calculated for the Certification process only.

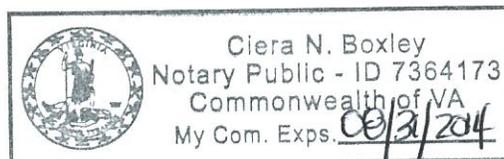
[Signature]
Timmy L. Neece, Jr.
Forensic Scientist

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 29th day of January, 2014 by Timmy L. Neece, Jr.

[Signature: Ciera N. Boxley]
Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



ndk

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 1/16/2014

Instrument Serial Number: 010599

As of 16-Jan-14

Start Date	End Date	Agency Name
15-Jan-14		Danville PD
03-Jul-13	15-Jan-14	DFS Central Lab
28-Jul-09	03-Jul-13	Caroline County VSP Area 44
04-Aug-08	28-Jul-09	DFS Central Lab

TLN

**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 1/16/2014**

**Instrument Serial Number: 010599**

**As of 16-Jan-14**

<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
15-Jan-14	15-Jan-14	TLN (25387)	CERTIFIED.
30-Sep-13	30-Sep-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
05-Mar-13	05-Mar-13	SED (24178)	CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
18-Sep-12	18-Sep-12	DBH (21250)	CERTIFIED.
28-Mar-12	28-Mar-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
14-Dec-11	14-Dec-11	DBH (21250)	MOVED INSTRUMENT TO NEW LOCATION, CERTIFIED
01-Nov-11	01-Nov-11	TLN (25387)	CERTIFIED. REPLACED DRY GAS STANDARD.
23-May-11	23-May-11	DBH (21250)	CERTIFIED
07-Dec-10	07-Dec-10	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
23-Jun-10	23-Jun-10	DBH (21250)	CERTIFIED
05-Jan-10	05-Jan-10	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
28-Jul-09	28-Jul-09	DBH (21250)	CERTIFIED.
16-Apr-09	16-Apr-09	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010599** Worksheet Start Date **1/15/2014**  
 Location **Danville PD**  
 Address **427 Patton Street, Danville VA, 24541**  
 DFS Technician **Timmy Neece, Jr** License No. **25387**  
 Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **746** Reference Barometer (mm HG) **747**  
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/23/2014**

### Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.294	0.285	0.302	0.295	0.295	0.294
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0.001		0.294	0.295			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.098	0.095	0.101	0.099	0.099	0.099
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>			
0		0.099	0.099			

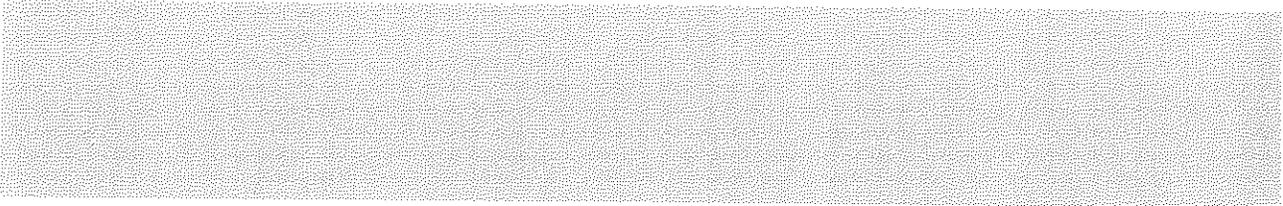
Dry gas standard Lot No. (with tank no.) **AG226201-21**

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

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:

50

Notes:



Instrument Serial Number

010599

Certification Date

1/15/2014

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>	0.247
0.250	0.245	0.237	0.252	<b>Sample 2</b>	0.246
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.245
0.002		0.245	0.247		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.147
0.150	0.147	0.142	0.151	<b>Sample 2</b>	0.147
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.147
0		0.147	0.147		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.078
0.080	0.078	0.075	0.081	<b>Sample 2</b>	0.078
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.078
0		0.078	0.078		

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.019
0.020	0.020	0.017	0.023	<b>Sample 2</b>	0.019
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.019
0		0.019	0.019		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

1/23/14

Issuing Analyst

Date

1/23/14

msk

TLN

**Intox EC/IR-11: Certification**

*Department of Forensic Science*

Serial Number: 010599      Test Number: 289  
Test Date: 01/15/2014      Test Time: 11:55 EST

Technician Initials: TLN

Dry Gas Target: 0.245

Lot Number: 0651225015-02      Exp Date: 04/01/2014

Tank Pressure: 433 psi      Barometric Pressure: 744 mmHg

System Check: *Passed*

Test	g/210L	Time
DIAG	Pass	11:56
BLK	0.000	11:57
CHK	0.247	11:57
BLK	0.000	11:59
CHK	0.246	11:59
BLK	0.000	12:01
CHK	0.245	12:02
BLK	0.000	12:03

**Success**

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

TLN

**Intox EC/IR-11: Certification**

*Department of Forensic Science*

Serial Number: 010599      Test Number: 290  
Test Date: 01/15/2014      Test Time: 12:05 EST

Technician Initials: TLN

Dry Gas Target: 0.147

Lot Number: 0651215014-04      Exp Date: 04/01/2014

Tank Pressure: 933 psi      Barometric Pressure: 744 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:05
BLK	0.000	12:06
CHK	0.147	12:07
BLK	0.000	12:08
CHK	0.147	12:09
BLK	0.000	12:10
CHK	0.147	12:11
BLK	0.000	12:12

**Success**

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

TLN

**Intox EC/IR-11: Certification**

*Department of Forensic Science*

Serial Number: 010599      Test Number: 291  
Test Date: 01/15/2014      Test Time: 12:14 EST

Technician Initials: TLN

Dry Gas Target: 0.078

Lot Number: 0651208012-01      Exp Date: 04/01/2014

Tank Pressure: 1051 psi      Barometric Pressure: 744 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:15
BLK	0.000	12:16
CHK	0.078	12:16
BLK	0.000	12:18
CHK	0.078	12:18
BLK	0.000	12:20
CHK	0.078	12:20
BLK	0.000	12:22

**Success**

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

TLN

**Intox EC/IR-11: Certification**

*Department of Forensic Science*

Serial Number: 010599      Test Number: 292  
Test Date: 01/15/2014      Test Time: 12:24 EST

Technician Initials: TLN

Dry Gas Target: 0.020

Lot Number: 0651202011-07      Exp Date: 04/01/2014

Tank Pressure: 115 psi      Barometric Pressure: 744 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:24
BLK	0.000	12:25
CHK	0.019	12:26
BLK	0.000	12:27
CHK	0.019	12:28
BLK	0.000	12:29
CHK	0.019	12:30
BLK	0.000	12:31

**Success**

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

-LAN

Intox EC/1R-11: Accuracy Check

Department of Forensic Science

Serial Number: 010599 Test Number: 293

Test Date: 01/15/2014 Test Time: 12:33 EST

Dry Gas Target: 0.294

Lot Number: AG321804-04 Exp Date: 08/06/2015

Tank Pressure: 502 psi Barometric Pressure: 744 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:34
CHK	0.295	12:35
BLK	0.000	12:36
CHK	0.295	12:37
BLK	0.000	12:39
CHK	0.294	12:40

Test Status: Success

Calibration CRC: 0A92E450

TLN

Intox EC/1R-11: Accuracy Check

Department of Forensic Science

Serial Number: 010599 Test Number: 294

Test Date: 01/15/2014 Test Time: 12:42 EST

Dry Gas Target: 0.098

Lot Number: AG226201-21 Exp Date: 09/18/2014

Tank Pressure: 350 psi Barometric Pressure: 744 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:43
CHK	0.099	12:44
BLK	0.000	12:45
CHK	0.099	12:46
BLK	0.000	12:47
CHK	0.099	12:48

Test Status: Success

Calibration CRC: 0A92E450

TLW



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
--	--------------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY  NEECE, JR., TIMMY, L		AGENCY  DFS Central Lab
DFS LICENSE NUMBER  25387	LICENSE EXPIRES  10/01/2014	DATE TEST CONDUCTED  01/15/2014
TEST EQUIPMENT NUMBER  010599		

RESULTS: TIME SAMPLE TAKEN 12:57 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
----------------------

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

FOR COURT

TLN



# IntoxNet MIS Report

Report Generated 16 Jan 2014 at 14:51

## Test Results

**Instrument Serial Number 010599**

**Test # 000295**      Subject Test

Test Location 1    Department of  
Test Date    15 Jan 2014

Test Location 2    Forensic Science  
Test Time    12:50  
Remote/Local    Local

Test Location 3  
System Check    Passed

Operator's Last Name    NEECE,JR.  
Agency    DFS Central Lab

Operator's First Name    TIMMY

Operator's Middle Initial    L

Card Serial Number    125387

License Number    25387

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    15 Jan 2014      End Time    12:58

Result Time    12:57

Result Date    15 Jan 2014      Result    0.00

Data Type    DIAG

Sample Value    Pass

Sample Time    12:50

Data Type    BLK

Sample Value    0.000

Sample Time    12:51

Data Type    CHK

Sample Value    0.098

Sample Time    12:52

Data Type    BLK

Sample Value    0.000

Sample Time    12:53

Data Type    SUBJ

Sample Value    0.000

Sample Time    12:54

Data Type    BLK

Sample Value    0.000

Sample Time    12:55

Data Type    SUBJ

Sample Value    0.000

Sample Time    12:57

Data Type    BLK

Sample Value    0.000

Sample Time    12:58

Standard Type    Dry Gas Std

Standard Value    0.098

Standard Lot Number    AG226201-21

Standard Expiration Date    09/18/2014

Tank Pressure    345

Barometric Pressure    744 mmHg

Blow Sample Number    1      Blow Duration    3.17 sec

Blow Volume    1809 cc      End-of-Blow Time    12:54

Blow Sample Number    2      Blow Duration    3.30 sec

Blow Volume    1952 cc      End-of-Blow Time    12:57

Tamper Evident Stamp    ff3bd91d

Test Status Code    0

Test Status    Success