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**Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 7/15/2014**

Instrument Serial Number: 010449

As of 15-Jul-14

Start Date	End Date	Agency Name
10-Jul-14		Smithfield PD
29-Oct-09	10-Jul-14	DFS Central Lab
12-May-09	29-Oct-09	Shenandoah County SO
13-May-08	12-May-09	DFS Central Lab

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010449** Worksheet Start Date **7/10/2014**
 Location **Smithfield PD**
 Address **913 S Church St, Smithfield, VA 23430**
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **760** Reference Barometer (mm HG) **763**
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.306
0.300	0.300	0.291	0.309	Sample 2	0.304
Precision		sample min	sample max	Sample 3	0.303
0.003		0.303	0.306		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.100
0.100	0.100	0.097	0.103	Sample 2	0.100
Precision		sample min	sample max	Sample 3	0.100
0		0.100	0.100		

Dry gas standard Lot No. (with tank no.) **AG400202-35**

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

Supplies
 Mouthpieces **125**
 Certificates of Analysis **100**
 Operator Worksheet **2 pkt**
 Other:

Notes:

Instrument Serial Number

010449

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

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

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

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

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

[Handwritten signature]

Date

7/15/14

Issuing Analyst

[Handwritten signature]

Date

7/15/14

MMB

Handwritten initials

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010449 Test Number: 258

Test Date: 07/10/2014 Test Time: 14:17 EDT

Dry Gas Target: 0.300

Lot Number: AG334603-04 Exp Date: 12/12/2015

Tank Pressure: 291 psi Barometric Pressure: 760 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:18
CHK	0.306	14:19
BLK	0.000	14:20
CHK	0.304	14:21
BLK	0.000	14:22
CHK	0.303	14:23

Test Status: *Success*

Calibration CRC: 3FD8EAED

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010449 Test Number: 259

Test Date: 07/10/2014 Test Time: 14:27 EDT

Dry Gas Target: 0.100

Lot Number: AG400202-35 Exp Date: 01/02/2016

Tank Pressure: 982 psi Barometric Pressure: 760 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:28
CHK	0.100	14:28
BLK	0.000	14:30
CHK	0.100	14:30
BLK	0.000	14:32
CHK	0.100	14:32

Test Status: *Success*

Calibration CRC: 3FD8EAED

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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 DERSCH, SARAH, E		AGENCY DFS Central Lab
DFS LICENSE NUMBER 24178	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 07/10/2014
TEST EQUIPMENT NUMBER 010449		

RESULTS: TIME SAMPLE TAKEN 14:40 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



IntoxNet MIS Report
Report Generated 11 Jul 2014 at 08:52

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Test Results

Instrument Serial Number 010449

Test # 000260 Subject Test

Test Location 1 Department of
Test Date 10 Jul 2014

Test Location 2 Forensic Science
Test Time 14:34
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name DERSCH
Agency DFS Central Lab

Operator's First Name SARAH

Operator's Middle Initial E
License Number 24178

Card Serial Number 124178
Subject's Last Name INSTRUMENT
Subject's Middle Initial

Effective Date 10/01/2012 Expiration Date 10/01/2014

Subject's First Name TEST

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 10 Jul 2014 End Time 14:41 Result Time 14:40 Result Date 10 Jul 2014 Result 0.00

Data Type	DIAG	Sample Value	Pass	Sample Time	14:34
Data Type	BLK	Sample Value	0.000	Sample Time	14:35
Data Type	CHK	Sample Value	0.100	Sample Time	14:36
Data Type	BLK	Sample Value	0.000	Sample Time	14:37
Data Type	SUBJ	Sample Value	0.000	Sample Time	14:37
Data Type	BLK	Sample Value	0.000	Sample Time	14:38
Data Type	SUBJ	Sample Value	0.000	Sample Time	14:40
Data Type	BLK	Sample Value	0.000	Sample Time	14:41

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG400202-35

Standard Expiration Date 01/02/2016

Tank Pressure 973

Barometric Pressure 760 mmHg

Blow Sample Number 1 Blow Duration 2.91 sec

Blow Volume 1800 cc End-of-Blow Time 14:37

Blow Sample Number 2 Blow Duration 3.03 sec

Blow Volume 1814 cc End-of-Blow Time 14:40

Tamper Evident Stamp 1300bf6b

Test Status Code 0

Test Status Success