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**Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 5/21/2014**

Instrument Serial Number: 010469

As of 21-May-14

Start Date	End Date	Agency Name
20-May-14		Middlesex County Sheriff's Office
07-May-14	20-May-14	DFS Central Lab
10-Oct-12	07-May-14	Rockingham County SO
27-Sep-12	10-Oct-12	DFS Central Lab
31-May-11	27-Sep-12	Farmville PD
09-Oct-09	31-May-11	DFS Central Lab
16-Oct-08	09-Oct-09	Chesterfield County PD
08-May-08	16-Oct-08	DFS Central Lab

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010469** Worksheet Start Date **5/20/2014**
 Location **Middlesex Co SO**
 Address **75 Oakes Landing Rd Saluda VA 23149**
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **763** Reference Barometer (mm HG) **766**
 Reference Barometer(RB)Serial # **009110** RB Calibration Due **5/30/2014**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.300	0.301	0.291	0.310	0.310
Precision		sample min	sample max	Sample 2
0.001		0.309	0.310	0.309
				Sample 3
				0.309

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.100	0.100	0.097	0.103	0.102
Precision		sample min	sample max	Sample 2
0		0.102	0.102	0.102
				Sample 3
				0.102

Dry gas standard Lot No. (with tank no.) **AG316301-21**

Replaced dry gas standard (+O-ring)

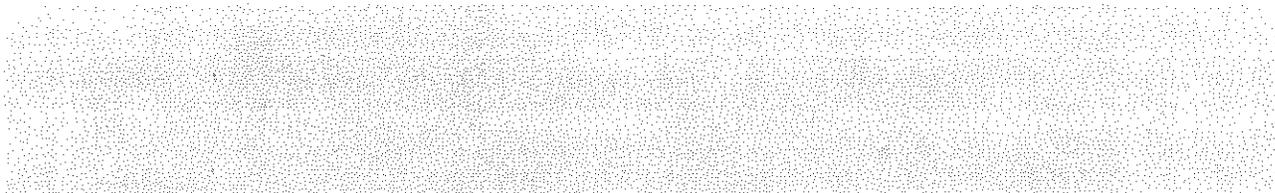
Installed at Location

Removed to DFS-Central

Supplies
 Mouthpieces
 Certificates of Analysis
 Operator Worksheet
 Other:



Notes:



Instrument Serial Number

010469

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

[Signature]

Date

5/21/14

Issuing Analyst

[Signature]

Date

5/21/14

mmb

sd

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010469 Test Number: 2406

Test Date: 05/20/2014 Test Time: 12:02 EDT

Dry Gas Target: 0.301

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

Tank Pressure: 154 psi Barometric Pressure: 763 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:03
CHK	0.310	12:04
BLK	0.000	12:05
CHK	0.309	12:06
BLK	0.000	12:08
CHK	0.309	12:09

Test Status: *Success*

Calibration CRC: B8F2C78C

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010469 Test Number: 2407

Test Date: 05/20/2014 Test Time: 12:12 EDT

Dry Gas Target: 0.100

Lot Number: AG316301-21 Exp Date: 06/12/2015

Tank Pressure: 531 psi Barometric Pressure: 763 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:12
CHK	0.102	12:13
BLK	0.000	12:15
CHK	0.102	12:15
BLK	0.000	12:17
CHK	0.102	12:18

Test Status: Success

Calibration CRC: B8F2C78C

SD



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 05/20/2014
TEST EQUIPMENT NUMBER 010469		

RESULTS: TIME SAMPLE TAKEN 12:26 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 21 May 2014 at 09:00

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Test Results

Instrument Serial Number 010469

Test # 002408 **Subject Test**

Test Location 1 Department of Test Date 20 May 2014	Test Location 2 Forensic Science Test Time 12:20 Remote/Local Local	Test Location 3 System Check Passed
Operator's Last Name DERSCH Agency DFS Central Lab Card Serial Number 124178	Operator's First Name SARAH Effective Date 10/01/2012	Operator's Middle Initial E License Number 24178 Expiration Date 10/01/2014
Subject's Last Name INSTRUMENT Subject's Middle Initial Driver's License Number Driver's License State	Subject's Date of Birth 00/00/0000	Subject's First Name TEST Subject's Sex Male Driver's License Expiration 00/00/0000 Court Name DFS
End Date 20 May 2014 End Time 12:27	Result Time 12:26	Result Date 20 May 2014 Result 0.00
Data Type DIAG	Sample Value Pass	Sample Time 12:20
Data Type BLK	Sample Value 0.000	Sample Time 12:21
Data Type CHK	Sample Value 0.101	Sample Time 12:22
Data Type BLK	Sample Value 0.000	Sample Time 12:23
Data Type SUBJ	Sample Value 0.000	Sample Time 12:24
Data Type BLK	Sample Value 0.000	Sample Time 12:25
Data Type SUBJ	Sample Value 0.000	Sample Time 12:26
Data Type BLK	Sample Value 0.000	Sample Time 12:27
Standard Type Dry Gas Std	Standard Value 0.100	
Standard Lot Number AG316301-21	Standard Expiration Date 06/12/2015	
Tank Pressure 522	Barometric Pressure 763 mmHg	
Blow Sample Number 1 Blow Duration 4.71 sec	Blow Volume 2314 cc	End-of-Blow Time 12:24
Blow Sample Number 2 Blow Duration 5.18 sec	Blow Volume 2049 cc	End-of-Blow Time 12:26
Tamper Evident Stamp aa62f9ea	Test Status Code 0	
Test Status Success		