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Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 7/24/2014

Instrument Serial Number: 010460

As of 24-Jul-14

Start Date	End Date	Agency Name
23-Jul-14		King George County Sheriff's Office
08-Jul-14	23-Jul-14	DFS Central Lab
27-Oct-10	08-Jul-14	Newport News PD
25-Oct-10	27-Oct-10	DFS Central Lab
11-Dec-09	25-Oct-10	Newport News PD
09-Dec-09	11-Dec-09	DFS Central Lab
09-Dec-09	09-Dec-09	Newport News PD
13-Oct-09	09-Dec-09	DFS Central Lab
09-Oct-09	13-Oct-09	Newport News PD
28-Jul-09	09-Oct-09	DFS Central Lab
07-Jan-09	28-Jul-09	Caroline County VSP Area 44
15-Aug-08	07-Jan-09	DFS Central Lab

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010460** Worksheet Start Date **7/23/2014**
 Location **King George CO SO**
 Address **10445 Government Center Blvd King George VA 22485**
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **749** Reference Barometer (mm HG) **753**
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.299
0.300	0.296	0.287	0.304	Sample 2	0.297
Precision		sample min	sample max	Sample 3	0.297
0.002		0.297	0.299		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.098
0.100	0.099	0.096	0.102	Sample 2	0.098
Precision		sample min	sample max	Sample 3	0.098
0		0.098	0.098		

Dry gas standard Lot No. (with tank no.) **AG332301-15**

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

Supplies
 Mouthpieces **30**
 Certificates of Analysis **30**
 Operator Worksheet **1 pkt**
 Other:

Notes:

[Redacted Notes Area]

Instrument Serial Number

010460

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

Date

7/24/14

Issuing Analyst

Date

7/24/14

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010460 Test Number: 2049

Test Date: 07/23/2014 Test Time: 15:40 EDT

Dry Gas Target: 0.296

Lot Number: AG334603-03 Exp Date: 12/12/2015

Tank Pressure: 125 psi Barometric Pressure: 750 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:41
CHK	0.299	15:42
BLK	0.000	15:43
CHK	0.297	15:44
BLK	0.000	15:46
CHK	0.297	15:47

Test Status: *Success*

Calibration CRC: 4C36F00B

Sub

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010460 Test Number: 2050

Test Date: 07/23/2014 Test Time: 15:50 EDT

Dry Gas Target: 0.099

Lot Number: AG332301-15 Exp Date: 11/19/2015

Tank Pressure: 526 psi Barometric Pressure: 750 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:51
CHK	0.098	15:51
BLK	0.000	15:53
CHK	0.098	15:53
BLK	0.000	15:55
CHK	0.098	15:55

Test Status: *Success*

Calibration CRC: 4C36F00B

SJA



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 07/23/2014
TEST EQUIPMENT NUMBER 010460		

RESULTS: TIME SAMPLE TAKEN 16:05 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

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IntoxNet MIS Report

Report Generated 24 Jul 2014 at 09:01

Test Results

Instrument Serial Number 010460

Test # 002051 **Subject Test**

Test Location 1 Department of
Test Date 23 Jul 2014

Test Location 2 Forensic Science
Test Time 15:59
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

Card Serial Number 124178

License Number 24178

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 23 Jul 2014 **End Time** 16:06

Result Time 16:05

Result Date 23 Jul 2014 **Result** 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:59

Data Type BLK

Sample Value 0.000

Sample Time 16:00

Data Type CHK

Sample Value 0.098

Sample Time 16:01

Data Type BLK

Sample Value 0.000

Sample Time 16:02

Data Type SUBJ

Sample Value 0.000

Sample Time 16:03

Data Type BLK

Sample Value 0.000

Sample Time 16:04

Data Type SUBJ

Sample Value 0.000

Sample Time 16:05

Data Type BLK

Sample Value 0.000

Sample Time 16:06

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG332301-15

Standard Expiration Date 11/19/2015

Tank Pressure 522

Barometric Pressure 750 mmHg

Blow Sample Number 1 **Blow Duration** 2.80 sec

Blow Volume 1875 cc **End-of-Blow Time** 16:03

Blow Sample Number 2 **Blow Duration** 3.05 sec

Blow Volume 1818 cc **End-of-Blow Time** 16:05

Tamper Evident Stamp 72f50077

Test Status Code 0

Test Status Success