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**Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 3/7/2014**

Instrument Serial Number: 010438

As of 07-Mar-14

Start Date	End Date	Agency Name
06-Mar-14		DFS Central Lab
15-Jul-10	06-Mar-14	Halifax County Sheriff's Office
08-May-09	15-Jul-10	DFS Central Lab
13-Nov-08	08-May-09	Amherst County SO
27-May-08	13-Nov-08	DFS Central Lab

Red

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010438** Worksheet Start Date **3/6/2014**
 Location **Halifax ADC**
 Address **1010 Blue Ridge Ln, Halifax, VA 24558**
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **757** Reference Barometer (mm HG) **758**
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/23/2014**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.300
0.300	0.299	0.290	0.307	Sample 2	0.300
Precision		sample min	sample max	Sample 3	0.300
0		0.300	0.300		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.099
0.100	0.100	0.097	0.103	Sample 2	0.100
Precision		sample min	sample max	Sample 3	0.100
0.001		0.099	0.100		

Dry gas standard Lot No. (with tank no.) **AG316301-19**

Replaced dry gas standard (+O-ring)

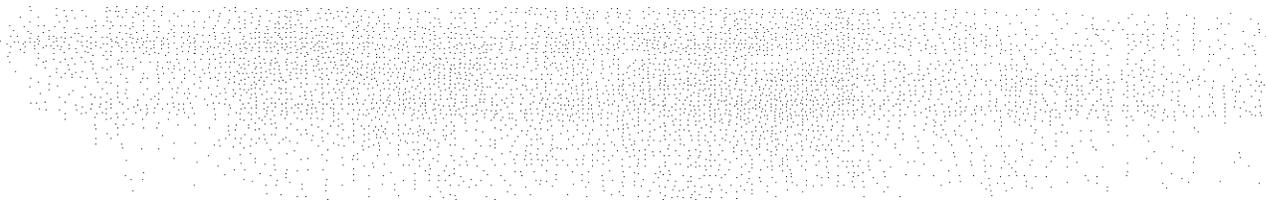
Installed at Location

Removed to DFS-Central

Supplies
 Mouthpieces
 Certificates of Analysis
 Operator Worksheet
 Other:



Notes:



Instrument Serial Number

010438

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

3/7/14

Issuing Analyst

Date

3/7/14

jsd



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 03/06/2014
TEST EQUIPMENT NUMBER 010438		

13:33 EST

RESULTS: TIME SAMPLE TAKEN _____

0.00

SAMPLE'S ALCOHOL CONTENT _____ 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

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 010438 Test Number: 540

Test Date: 03/06/2014 Test Time: 13:35 EST

Dry Gas Target: 0.100

Lot Number: AG316301-19 Exp Date: 06/12/2015

Tank Pressure: 1041 psi Barometric Pressure: 757 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:36
CHK	0.099	13:37
BLK	0.000	13:39
CHK	0.100	13:39
BLK	0.000	13:41
CHK	0.100	13:41

Test Status: *Success*

Calibration CRC: 9EB5CF9C

sd

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010438 Test Number: 541
Test Date: 03/06/2014 Test Time: 13:44 EST
System Check: Passed

Test g/210L Time
BLK *.*** 13:45

Test Status: *Operator abort*

Calibration CRC: 9EB5CF9C

Entered wrong
target value for
accuracy check,
so aborted the
test 3/6/14
sd

SD

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010438 Test Number: 542

Test Date: 03/06/2014 Test Time: 13:46 EST

Dry Gas Target: 0.299

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

Tank Pressure: 227 psi Barometric Pressure: 757 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:46
CHK	0.300	13:47
BLK	0.000	13:49
CHK	0.300	13:50
BLK	0.000	13:51
CHK	0.300	13:52

Test Status: *Success*

Calibration CRC: 9EB5CF9C