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

Instrument Serial Number: 010585

As of 24-Jul-14

Start Date	End Date	Agency Name
23-Jul-14		DFS Central Lab
06-Mar-09	23-Jul-14	Colonial Beach PD
04-Aug-08	06-Mar-09	DFS Central Lab

Red

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010585** Worksheet Start Date **7/23/2014**
 Location **Colonial Beach PD**
 Address **907 McKinney Blvd Colonial Beach VA 22443**
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **758** Reference Barometer (mm HG) **759**
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.303
0.300	0.299	0.290	0.307	Sample 2	0.302
Precision		sample min	sample max	Sample 3	0.302
0.001		0.302	0.303		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.101
0.100	0.100	0.097	0.103	Sample 2	0.100
Precision		sample min	sample max	Sample 3	0.100
0.001		0.100	0.101		

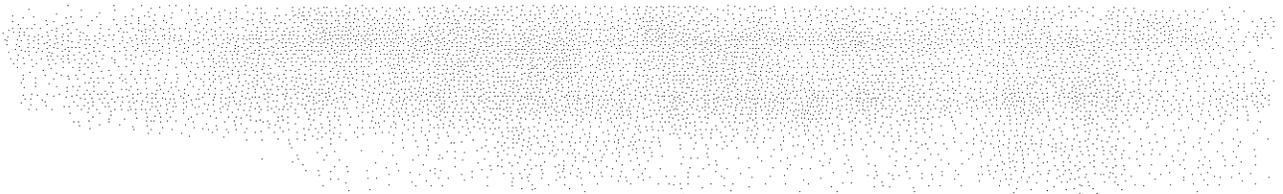
Dry gas standard Lot No. (with tank no.) **AG332301-10**

- 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

010585

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

TW

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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 07/23/2014
TEST EQUIPMENT NUMBER 010585		

RESULTS: TIME SAMPLE TAKEN 11:21 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

fid

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010585 Test Number: 386

Test Date: 07/23/2014 Test Time: 11:23 EDT

Dry Gas Target: 0.100

Lot Number: AG332301-10 Exp Date: 11/19/2015

Tank Pressure: 1115 psi Barometric Pressure: 758 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:23
CHK	0.101	11:24
BLK	0.000	11:26
CHK	0.100	11:27
BLK	0.000	11:28
CHK	0.100	11:29

Test Status: *Success*

Calibration CRC: 44D5EEFD

sd

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010585 Test Number: 387

Test Date: 07/23/2014 Test Time: 11:32 EDT

Dry Gas Target: 0.299

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

Tank Pressure: 154 psi Barometric Pressure: 758 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:32
CHK	0.303	11:33
BLK	0.000	11:35
CHK	0.302	11:36
BLK	0.000	11:37
CHK	0.302	11:38

Test Status: *Success*

Calibration CRC: 44D5EEFD