

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
9/25/2013 To 9/25/2014

DBH

FW

Instrument Serial Number: 010615

As of 25-Sep-14

Maintenance Date	Certification Date	Technician Initials	Remarks
25-Sep-14	02-Jun-14	DBH (21250)	REPLACED DRY GAS STANDARD.
02-Jun-14	02-Jun-14	TLN (25387)	CLEANED IR CHAMBER. REPLACED AND TESTED FUEL CELL MODULE. FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.

DBH
jed

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010615** Worksheet Start Date **9/25/2014**
Location **Charles City CO SO**
Address **10600 Courthouse Rd Charles City VA 23030**
DFS Technician **Donald Hall** License No. **21250**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **765** Reference Barometer (mm HG) **765**
Reference Barometer(RB)Serial # **009109** RB Calibration Due **7/28/2015**

Measurement Assurance Check

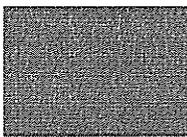
Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.302	0.292	0.311	0.308	0.307	0.306
Precision		sample min	sample max			
0.002		0.306	0.308			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.101	0.097	0.104	0.102	0.102	0.101
Precision		sample min	sample max			
0.001		0.101	0.102			

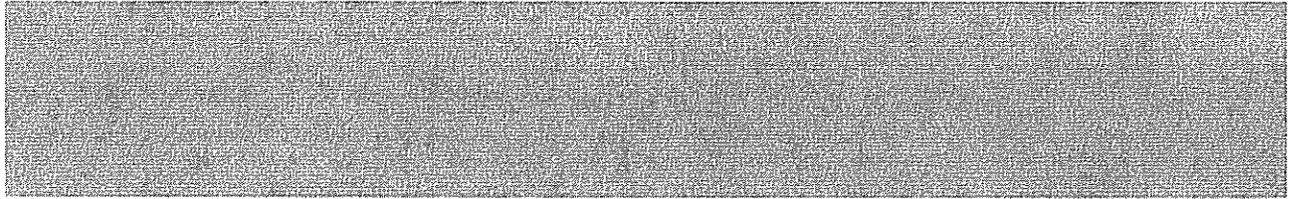
Dry gas standard Lot No. (with tank no.) **AG400202-33**

- 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

010615

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

Donald B Hall

Date

9/25/14

Issuing Analyst

Jed
TKW

Date

9/25/14

Intox EC/IR-II: Accuracy Check

DBH

sq

Department of Forensic Science

Serial Number: 010615 Test Number: 713

Test Date: 09/25/2014 Test Time: 10:34 EDT

Dry Gas Target: 0.302

Lot Number: AG421201-02 Exp Date: 07/31/2016

Tank Pressure: 438 psi Barometric Pressure: 765 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	10:35
CHK	0.308	10:36
BLK	0.000	10:37
CHK	0.307	10:38
BLK	0.000	10:39
CHK	0.306	10:40

Test Status: Success

Calibration CRC: 727F0A58

Intox EC/IR-II: Accuracy Check

DBH
Fed

Department of Forensic Science

Serial Number: 010615 Test Number: 714

Test Date: 09/25/2014 Test Time: 10:42 EDT

Dry Gas Target: 0.101

Lot Number: AG400202-33 Exp Date: 01/02/2016

Tank Pressure: 227 psi Barometric Pressure: 765 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:43
CHK	0.102	10:43
BLK	0.000	10:45
CHK	0.102	10:46
BLK	0.000	10:47
CHK	0.101	10:48

Test Status: *Success*

Calibration CRC: 727F0A58

DBH
Per



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
---	-----------------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 09/25/2014
TEST EQUIPMENT NUMBER 010615		

RESULTS: TIME SAMPLE TAKEN 10:56 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 25 Sep 2014 at 14:15

DBH
Sud

Test Results

Instrument Serial Number 010615

Test # 000715	Subject Test	Test Location 2 Forensic Science	Test Location 3
Test Location 1 Department of		Test Time 10:50	System Check Passed
Test Date 25 Sep 2014		Remote/Local Local	
Operator's Last Name HALL		Operator's First Name DONALD	Operator's Middle Initial B
Agency DFS Central Lab		License Number 21250	
Card Serial Number 121250		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 25 Sep 2014	End Time 10:58	Result Time 10:56	Result Date 25 Sep 2014
Data Type DIAG		Sample Value Pass	Result 0.00
Data Type BLK		Sample Value 0.000	Sample Time 10:51
Data Type CHK		Sample Value 0.101	Sample Time 10:51
Data Type BLK		Sample Value 0.000	Sample Time 10:52
Data Type SUBJ		Sample Value 0.000	Sample Time 10:53
Data Type BLK		Sample Value 0.000	Sample Time 10:54
Data Type SUBJ		Sample Value 0.000	Sample Time 10:55
Data Type BLK		Sample Value 0.000	Sample Time 10:56
Data Type BLK		Sample Value 0.000	Sample Time 10:57
Standard Type Dry Gas Std		Standard Value 0.101	
Standard Lot Number AG400202-33		Standard Expiration Date 01/02/2016	
Tank Pressure 223		Barometric Pressure 765 mmHg	
Blow Sample Number 1	Blow Duration 4.41 sec	Blow Volume 2052 cc	End-of-Blow Time 10:54
Blow Sample Number 2	Blow Duration 4.23 sec	Blow Volume 2030 cc	End-of-Blow Time 10:56
Tamper Evident Stamp 73df0db8		Test Status Code 0	
Test Status Success			