

HMS

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010434** Worksheet Start Date **4/30/2014**

Location **Dickenson County**

Address **1019 Happy Valley Dr., Clintwood, VA 24228**

DFS Technician **Heather Stanton** License No. **18910**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **704** Reference Barometer (mm HG) **705**

Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/23/2014**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.281
0.300	0.278	0.269	0.286	Sample 2	0.280
Precision		sample min	sample max	Sample 3	0.279
0.002		0.279	0.281		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.100		-0.003	0.003	Sample 2	
Precision		sample min	sample max	Sample 3	
0		0.000	0.000		

Dry gas standard Lot No. (with tank no.) **AG320502-07**

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

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Unable to complete installation due to sample solenoid error message on ~~0.100~~ measurement assurance check.

HMS 5/2/14
0.100 measurement assurance
HMS 5/2/14

Instrument Serial Number

010434

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

Heathm Stark

Date

5/2/14

Issuing Analyst

Jed

Date

5/6/14

mmb

AMS
SW
5/6/14

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010434 Test Number: 929

Test Date: 04/30/2014 Test Time: 10:58 EDT

Dry Gas Target: 0.278

Lot Number: AG334603-01 Exp Date: 12/12/2015

Tank Pressure: 370 psi Barometric Pressure: 704 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:58
CHK	0.281	10:59
BLK	0.000	11:01
CHK	0.280	11:01
BLK	0.000	11:03
CHK	0.279	11:03

Test Status: *Success*

Calibration CRC: E5B9E002

HMS
SCL
5/6/14

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010434 Test Number: 930

Test Date: 04/30/2014 Test Time: 11:06 EDT

Dry Gas Target: 0.093

Lot Number: AG320502-07 Exp Date: 07/24/2015

Tank Pressure: 1080 psi Barometric Pressure: 704 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:07
CHK	0.093	11:07
BLK	*.***	11:09

Test Status: *Sample solenoid error*

Calibration CRC: E5B9E002