

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100158
 Location: Northfield PD
 Calibration Date: 11/16/2011
 Certification Date: 11/17/2011
 Installation Date: 12/08/2011
 RPC Date: 06/01/2012
 Supervisor Name: CHRISTOPHER M QUESNEL

Diagnostic Results

VERSIONS

DMT: 1.01
 PIC: 2.05
 Modem: 2.2
 Questions: 2.0

TEMPERATURES

Sample Chamber = 49.0°C
 Breath Tube = 43.9°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.76 V
 Cooler Voltage = 1.71 V
 Bias Voltage = 80 V
 Chopper Freq = 546 Hz

PUMP INFO

Flow Rate = 4.937 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0344	-0.0301
MIN (V)	-0.0368	-0.0327

FILTER INFO

Filter	Value	Zero
Filter 1	-0.033	Zero = true
Filter 2	0.276	Zero = true
Filter 3	1.291	Zero = true

CALIBRATION CHECK

Xq = 0.091 0.77%

Routine Performance Check Passed

Accuracy and Precision Check

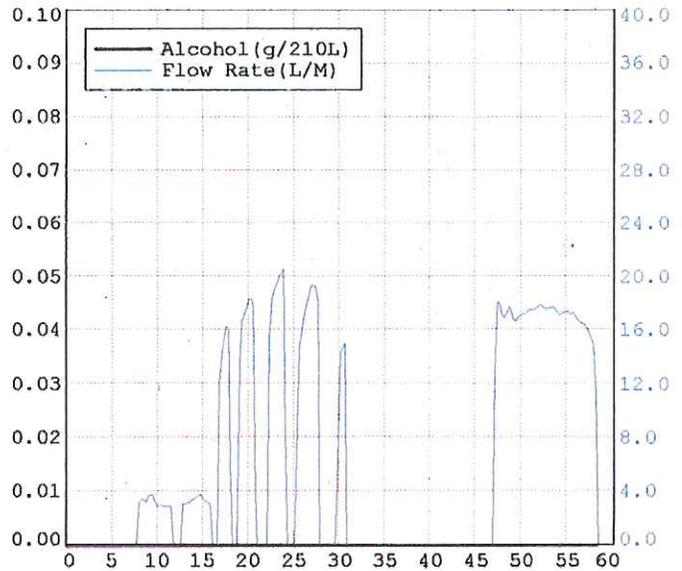
Concentration = 0.100 g/210L
 Lot # = 12-58-100
 Range = 0.095 - 0.105
 Average = 0.100 g/210L
 Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Handwritten signature

Date

06/01/2012

Reviewed by

Handwritten signature

Date

6/1/12

DMT Serial Number #100158

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Handwritten signature and date: 6/7/2012

06/01/2012 9:20 AM

ROUTINE PERFORMANCE CHECK REPORT



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Certification Date: 11/17/2011
Installation Date: 12/08/2011
RPC Date: 06/01/2012
Supervisor Name: CHRISTOPHER M QUESNEL

Diagnostic Results

VERSIONS

DMT: 1.01
PIC: 2.05
Modem: 2.2
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 44.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.76 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 548 Hz

PUMP INFO

Flow Rate = 4.941 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0736	-0.0699
MIN (V)	-0.0758	-0.0717

FILTER INFO

Filter 1	-0.071	Zero = true
Filter 2	0.238	Zero = true
Filter 3	1.264	Zero = true

CALIBRATION CHECK

Xq = 0.090 0.39%

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot#	= 12-58-100
Range	= 0.095 - 0.105
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Routine Performance Check Failed

Ambient Fail During Purge
Chamber purged for 5 mins.

Performed by C. Z Date 06/01/2012

Reviewed by _____ Date _____

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Certification Date: 11/17/2011
Installation Date: 12/08/2011
RPC Date: 06/01/2012
Supervisor Name: CHRISTOPHER M QUESNEL

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.2
Questions: 2.0

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 44.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.76 V
Cooler Voltage = 1.70 V
Bias Voltage = 80 V
Chopper Freq = 545 Hz

PUMP INFO

Flow Rate = 4.946 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0524	-0.0488
MIN (V)	-0.0549	-0.0510

FILTER INFO

Filter 1	-0.050	Zero = true
Filter 2	0.259	Zero = true
Filter 3	1.283	Zero = true

CALIBRATION CHECK

Xq = 0.091 1.26%

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 12-58-100
Range	= 0.095 - 0.105
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Routine Performance Check Failed

Ambient Fail During Purger
(2nd)

Performed by

C. De

Date

06/01/2012

Reviewed by

Date

Bolduc, Amanda

From: Bolduc, Amanda
Sent: Friday, June 01, 2012 9:39 AM
To: Quesnel, Christopher
Subject: RE: Northfield PD Datamaster

That's great, thanks!

Amanda Bolduc, MFS
Alcohol Program Forensic Chemist
Vermont Forensic Laboratory
Department of Public Safety
103 South Main Street
Waterbury, VT 05676
(802) 241-5300 (ph)
(802) 585-0504 (cell)
(802) 241-5557 (fax)
Amanda.bolduc@state.vt.us

Please note new contact information as of 3/1/2012*

-----Original Message-----

From: Quesnel, Christopher
Sent: Friday, June 01, 2012 9:34 AM
To: Bolduc, Amanda
Subject: Northfield PD Datamaster

Amanda:

I did the RPC again as you had suggested and it passed without experiencing any further ambient failures during the purge process. I have attached all three of the print-outs from the RPC processes in a PDF file.

If there are any questions please let me know.

Thank you for your help today, I appreciate it!

Have a good weekend,

-Chris

Chris Quesnel
Police Officer

Northfield Police Department
51 South Main Street
Northfield, VT 05663

E-Mail: Christopher.Quesnel@state.vt.us <Note new e-mail address>

Phone: 802-485-9181

Fax: 802-485-4188

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