

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100144
Location: Springfield PD
Calibration Date: 07/02/2012
Certification Date: 07/02/2012
Installation Date: 07/03/2012
RPC Date: 06/23/2016
Supervisor Name: ANTHONY W LEONARD

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.0°C
Digital Sim = 34.2°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.326 L/M

DETECTOR INFO

PUMP ON OFF
MAX(V) 0.3551 0.3575
MIN(V) 0.3539 0.3559

FILTER INFO

Filter 1 0.356 Zero = true
Filter 2 0.950 Zero = true
Filter 3 1.790 Zero = true

CALIBRATION CHECK

Xq = 0.081 1.52%

Routine Performance Check Passed

Accuracy and Precision Check

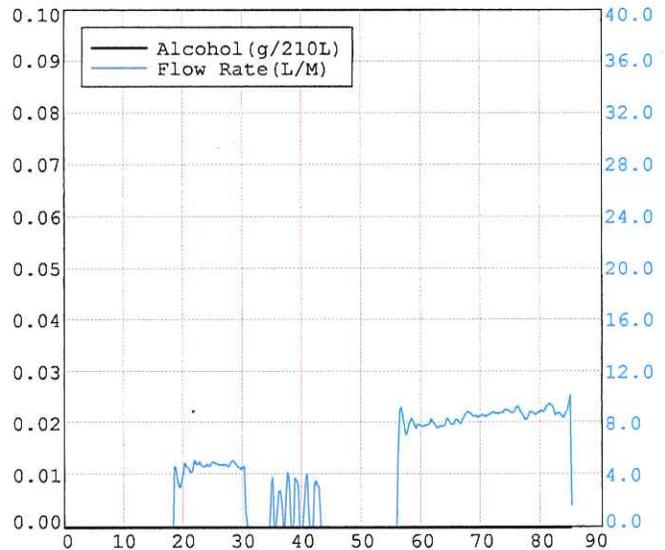
Concentration = 0.100 g/210L
Lot # = 15-25-100
Range = 0.095 - 0.105
Average = 0.102 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Anthony W. Leonard

Date

06/23/2016

Reviewed by

[Signature]

Date

6/23/16

[Signature]
6/30/16

DMT Serial Number #100144

Page 1 of 1

06/23/2016 10:44 AM

Page 1 of 4 RCD

DMT 100144 Failed Tests

Leonard, Anthony

Thu 6/23/2016 10:53 AM

To: Driscoll, Rob <Rob.Driscoll@vermont.gov>;

Rob,

On June 23, 2016 I attempted twice to complete the RPC for our machine (serial #100144). However, I was using outdated RPC instructions from 2008 which caused the test to fail during the RFI section. Once I performed the RPC using the proper updated instructions the machine passed all tests.

Andy

Ofc. Anthony W. Leonard
Springfield Police
[201 Clinton Street](#)
[Springfield, VT 05156](#)
Phone: (802) 885-2113
Fax: (802) 885-2235

Please note new email address

Email: Anthony.Leonard@vermont.gov

2024 RW

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100144
Location: Springfield PD
Calibration Date: 07/02/2012
Certification Date: 07/02/2012
Installation Date: 07/03/2012
RPC Date: 06/23/2016
Supervisor Name: ANTHONY W LEONARD

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.2°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.344 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3594	0.3620
MIN(V)	0.3581	0.3602

FILTER INFO

Filter 1	0.360	Zero = true
Filter 2	0.953	Zero = true
Filter 3	1.796	Zero = true

CALIBRATION CHECK

Xq = 0.081 1.74%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 15-25-100
Range	= 0.095 - 0.105
Average	= 0.103 g/210L
Std Dev	= 0.0004

RF Detection Test

Failed

Performed by Anthony W Leonard Date 06/23/2016

Reviewed by _____ Date _____

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100144
Location: Springfield PD
Calibration Date: 07/02/2012
Certification Date: 07/02/2012
Installation Date: 07/03/2012
RPC Date: 06/23/2016
Supervisor Name: ANTHONY W LEONARD

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.330 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3602	0.3624
MIN(V)	0.3587	0.3608

FILTER INFO

Filter 1	0.361	Zero = true
Filter 2	0.954	Zero = true
Filter 3	1.796	Zero = true

CALIBRATION CHECK

Xq = 0.081 1.41%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 15-25-100
Range	= 0.095 - 0.105
Average	= 0.102 g/210L
Std Dev	= 0.0004

RF Detection Test

Failed

Performed by _____ Date 06/23/2016

Reviewed by _____ Date _____