

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100153
Location: BRATTLEBORO PD
Calibration Date: 07/24/2015
Certification Date: 07/24/2015
Installation Date: 07/27/2015
RPC Date: 10/02/2015
Supervisor Name: ADAM S BELVILLE



Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 47.2°C
Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.86 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 5.747 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1756	0.1783
MIN (V)	0.1720	0.1754

FILTER INFO

Filter 1	0.177	Zero = true
Filter 2	0.404	Zero = true
Filter 3	0.767	Zero = true

CALIBRATION CHECK

Xq = 0.077 1.12%

Routine Performance Check Passed

Accuracy and Precision Check

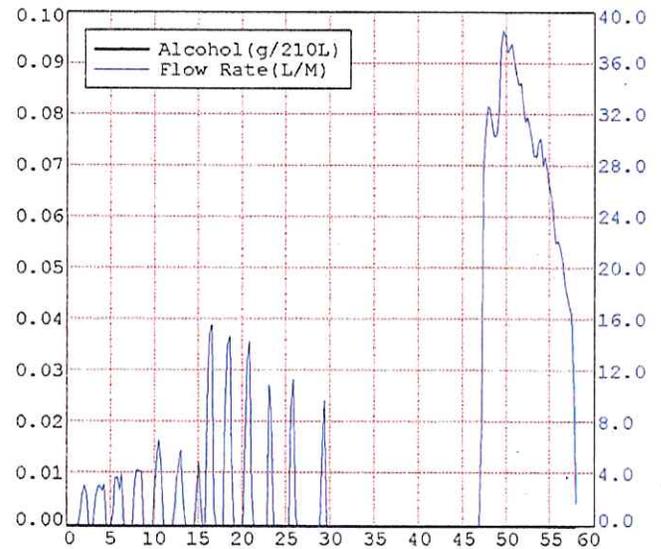
Concentration = 0.100 g/210L
Lot # = 15-06-100
Range = 0.095 - 0.105
Average = 0.100 g/210L
Std Dev = 0.0008

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Adam S. Belville

Date

10/02/2015

Reviewed by

[Signature]

Date

10/2/15

DMT Serial Number #100153

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RPC Issue (Brattleboro PD)

Belville, Adam

Sent: Friday, October 02, 2015 5:07 AM

To: Driscoll, Rob

Hi Rob,

I have tried twice this morning to complete the RPC for October. During the sample acceptance test, I have received the error, "Suck back failure" on each try. I'm working until 11AM today (10/02). If you could please e-mail me back or call me at the number below regarding this, that would be greatly appreciated.

Thank you,

Adam Belville
Brattleboro Police Department
802-257-7950
802-257-2303 (FAX)

Called back and explained that he was probably sucking back too hard as the test is a gentle suck back to feel the resistance from the one way valve. RD 10/5/15

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 46.8°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.86 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 5.726 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3892	0.3919
MIN (V)	0.3856	0.3882

FILTER INFO

Filter 1	0.388	Zero = true
Filter 2	0.605	Zero = true
Filter 3	0.947	Zero = true

CALIBRATION CHECK

Xq = 0.076 0.56%

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 15-06-100
Range	= 0.095 - 0.105
Average	= 0.100 g/210L
Std Dev	= 0.0008

RF Detection Test

Passed

Sample Acceptance Test

Failed

★ SUCK BACK FAILURE

Routine Performance Check Failed

Performed by

Adam S. Belville

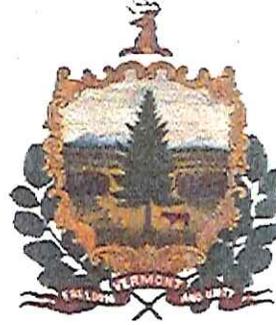
Date

10/02/2015

Reviewed by

Date

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 44.8°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.86 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.884 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3516	0.3537
MIN (V)	0.3480	0.3494

FILTER INFO

Filter 1	0.352	Zero = true
Filter 2	0.570	Zero = true
Filter 3	0.922	Zero = true

CALIBRATION CHECK

Xq = 0.077 0.22%

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 15-06-100
Range	= 0.095 - 0.105
Average	= 0.100 g/210L
Std Dev	= 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Failed

★ SUCK BACK FAILURE

Routine Performance Check Failed

Performed by

Date

10/02/2015

Reviewed by

Date