

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 104809
Location: St. Albans PD
Calibration Date: 01/30/2015
Certification Date: 01/30/2015
Installation Date: 02/02/2015
RPC Date: 10/15/2015
Supervisor Name: ROBERT DRISCOLL

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 44.5°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 534 Hz

PUMP INFO

Flow Rate = 5.703 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2569	0.2602
MIN (V)	0.2551	0.2579

FILTER INFO

Filter	Value	Zero
Filter 1	0.257	Zero = true
Filter 2	0.881	Zero = true
Filter 3	0.666	Zero = true

CALIBRATION CHECK

Xq = 0.079 0.11%

Routine Performance Check Passed

Accuracy and Precision Check

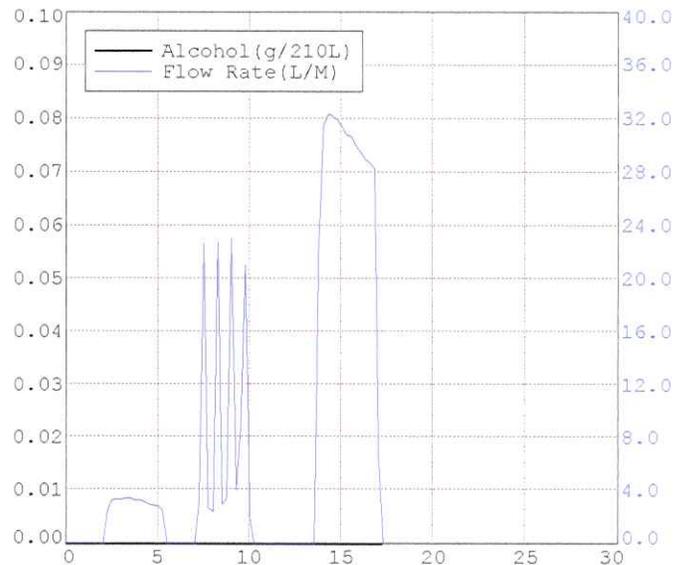
Concentration = 0.099 g/210L
Lot # = 15-12-100
Range = 0.094 - 0.104
Average = 0.099 g/210L
Std Dev = 0.0005

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by RD

Date 10/15/2015

Reviewed by _____

Date _____

DMT Serial Number #104809

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Page 1 of 7 RD

10/15/2015 9:49 AM

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 104809
Location: St. Albans PD
Calibration Date: 01/30/2015
Certification Date: 01/30/2015
Installation Date: 02/02/2015
RPC Date: 10/05/2015
Supervisor Name: MICHAEL C SCHRADER

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 45.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.79 V
Bias Voltage = 81 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.957 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2220	0.2242
MIN (V)	0.2201	0.2226

FILTER INFO

Filter	Value	Zero
Filter 1	0.222	Zero = true
Filter 2	0.850	Zero = true
Filter 3	0.644	Zero = true

CALIBRATION CHECK

Xq = 0.080 0.55%

Routine Performance Check Passed

Accuracy and Precision Check

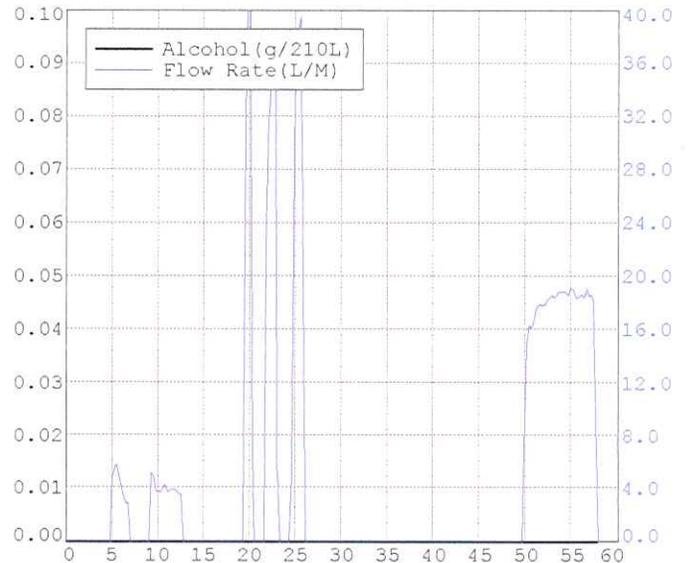
Concentration = 0.100 g/210L
Lot # = 15-07-100
Range = 0.095 - 0.105
Average = 0.100 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

M. Schrad

Date

10/05/2015

Reviewed by

Date

DMT Serial Number #104809

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RD 10/21/15
2 & 7 RD

10/15/2015 9:51 AM

Driscoll, Rob

From: Schrader, Michael
Sent: Thursday, October 15, 2015 11:55 AM
To: Driscoll, Rob
Subject: RE: October RPC

Awesome. You're the man. I'll follow through with a solution change every time. I saw it in the instructions but thought that since I had changed it recently that I could keep the same solution. I will follow the instructions to a "T" next time. Thank you for the heads up.

Corporal Michael Schrader
St. Albans Police Department
30 Lower Welden Street
St. Albans, VT
802-524-2166 (WORK)
802-279-9109 (CELL)

"If you are going to win any battle, you have to do one thing. You have to make the mind run the body. Never let the body tell the mind what to do... the body is never tired if the mind is not tired."
-General George S. Patton

From: Driscoll, Rob
Sent: Thursday, October 15, 2015 11:53
To: Schrader, Michael
Subject: Re: October RPC

I used one that I had brought so you're still good on solution.

Rob

Sent from my iPhone

On Oct 15, 2015, at 11:52 AM, Schrader, Michael <Michael.Schrader@vermont.gov> wrote:

Okay. Thank you. Did you use the solution that I had in the box or did you bring your own solution? Just wondering as I may need to order a couple more bottles when I get back from Army Training.

Corporal Michael Schrader
St. Albans Police Department
30 Lower Welden Street
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-General George S. Patton

From: Driscoll, Rob
Sent: Thursday, October 15, 2015 11:51
To: Schrader, Michael
Subject: Re: October RPC

No problem. The first part of any RPC (Feb, June, or Oct.) is to change the solution. You are all set as I have everything I need.

Thanks,
Rob

Sent from my iPhone

On Oct 15, 2015, at 11:49 AM, Schrader, Michael <Michael.Schrader@vermont.gov> wrote:

Rob,
Thank you. I was unaware a solution change was mandatory in the RPC for October. I will incorporate that in the next RPC. Do you need anything further from me to complete that for the current RPC?

Corporal Michael Schrader
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-General George S. Patton

From: Driscoll, Rob
Sent: Thursday, October 15, 2015 09:56
To: Schrader, Michael
Cc: Bolduc, Amanda
Subject: October RPC

Michael,
I was in your agency today upgrading your instrument and noticed a problem with your October RPC. You had changed the solution on 9/22 and performed a solution change protocol, but you failed to change the solution again on 10/5 when completing your RPC making it invalid. You MUST change the solution for the RPC, regardless as

to how long the current solution has been in use. Please note that you can perform your RPC up to 2 weeks before the RPC month..in this case you could have just completed the RPC on 9/22. I have changed the solution and performed an RPC protocol to remedy the issue today. If you have any questions please contact me.

Regards,
Rob

Sent from my iPhone