

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100158
 Location: NORTHFIELD PD
 Calibration Date: 08/25/2020
 Certification Date: 08/25/2020
 Installation Date: 08/27/2020
 RPC Date: 07/07/2021
 Supervisor Name: MICHAEL R GERO

Diagnostic Results

VERSIONS
 DMT: 2.06
 PIC: 3.07
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
 Breath Tube = 46.6°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.57 V
 Cooler Voltage = 1.58 V
 Bias Voltage = 80 V
 Chopper Freq = 558 Hz

PUMP INFO

Flow Rate = 6.369 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0362	-0.0323
MIN(V)	-0.0374	-0.0335

FILTER INFO

Filter 1	-0.028	Zero = true
Filter 2	0.319	Zero = true
Filter 3	1.294	Zero = true

CALIBRATION CHECK

Xq = 0.092 1.58%

Routine Performance Check Passed

Accuracy and Precision Check

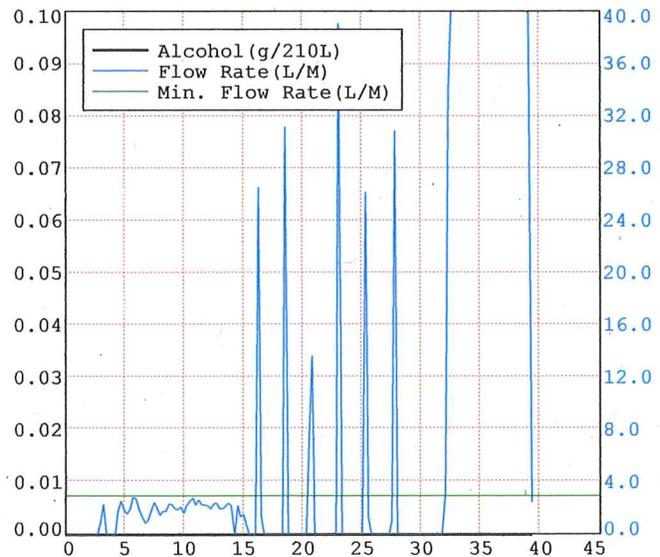
Concentration	= 0.100 g/210L
Lot #	= 21-04-100
Range	= 0.095 - 0.105
Average	= 0.099 g/210L
Std Dev	= 0.0013

RF Detection Test

Passed
 RF detected

Sample Acceptance Test

Passed



Performed by *Michael Gero*

Date 07/07/2021

Reviewed by *SGS*

Date 7/19/2021

Handwritten signature and date: 7/13/21

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100158
 Location: NORTHFIELD PD
 Calibration Date: 08/25/2020
 Certification Date: 08/25/2020
 Installation Date: 08/27/2020
 RPC Date: 06/24/2021
 Supervisor Name: MICHAEL R GERO

Diagnostic Results

VERSIONS
 DMT: 2.06
 PIC: 3.07
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
 Breath Tube = 45.9°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.57 V
 Cooler Voltage = 1.58 V
 Bias Voltage = 80 V
 Chopper Freq = 558 Hz

PUMP INFO

Flow Rate = 6.490 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0443	-0.0396
MIN(V)	-0.0459	-0.0413

FILTER INFO

Filter 1	-0.042	Zero = true
Filter 2	0.308	Zero = true
Filter 3	1.286	Zero = true

CALIBRATION CHECK

Xq = 0.094 0.09%

Routine Performance Check Passed

Accuracy and Precision Check

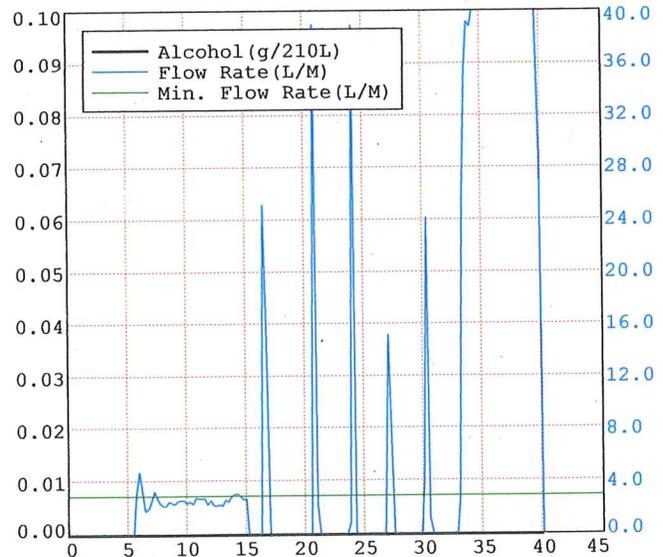
Concentration = 0.100 g/210L
 Lot # = 23-04-100
 Range = 0.095 - 0.105
 Average = 0.100 g/210L
 Std Dev = 0.0015

RF Detection Test

Passed
 RF detected

Sample Acceptance Test

Passed



Incorrect lot number used. See attached emails. No DUI tests run between this RPC and a passing one. SJS 7/9/2021

Performed by _____

Date 06/24/2021

Reviewed by _____

Date _____

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100158
Location: NORTHFIELD PD
Calibration Date: 08/25/2020
Certification Date: 08/25/2020
Installation Date: 08/27/2020
RPC Date: 06/23/2021
Supervisor Name: MICHAEL R GERO

Diagnostic Results

VERSIONS

DMT: 2.06
PIC: 3.07
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 44.5°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.57 V
Cooler Voltage = 1.58 V
Bias Voltage = 80 V
Chopper Freq = 557 Hz

PUMP INFO

Flow Rate = 6.491 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0758	-0.0709
MIN(V)	-0.0770	-0.0726

FILTER INFO

Filter 1	-0.061	Zero = true
Filter 2	0.292	Zero = true
Filter 3	1.274	Zero = true

CALIBRATION CHECK

Xq = 0.095 1.76%

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

Accuracy and Precision Check

Concentration

Lot #

Range

Average

Std Dev

CALIBRATION CHECK ERROR

See attached emails 8/28 7/9/2021

Performed by _____

Michael R Gero

Date

06/23/2021

Reviewed by _____

Date

ROUTINE PERFORMANCE CHECK REPORT



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Calibration Date: 08/25/2020
Certification Date: 08/25/2020
Installation Date: 08/27/2020
RPC Date: 06/23/2021
Supervisor Name: MICHAEL R GERO

Diagnostic Results

VERSIONS

DMT: 2.06
PIC: 3.07
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 45.9°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.57 V
Cooler Voltage = 1.58 V
Bias Voltage = 80 V
Chopper Freq = 559 Hz

PUMP INFO

Flow Rate = 6.484 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0846	-0.0801
MIN (V)	-0.0860	-0.0813

FILTER INFO

Filter 1	-0.075	Zero = true
Filter 2	0.274	Zero = true
Filter 3	1.256	Zero = true

CALIBRATION CHECK

Xq = 0.093 0.28%

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

See attached emails 808 7/9/2021

Performed by _____

mt sh

Date

06/23/2021

Reviewed by _____

Date

Re: DMT is back in service

Gero, Michael <Michael.Gero@vermont.gov>

Wed 2021-07-07 8:36 PM

To: DPS - DMT <DPS.DMT@vermont.gov>

Hello;

DMT back in service. The following are the numbers you requested:

.102, .100, .099, .099, .099.

Respectfully;

Michael R. Gero**Corporal****Northfield Police Department**

Mailing: 51 South Main Street

Physical: 110 Wall Street, Northfield, VT 05663

Phone: (802) 485-9181

Fax: (802) 485-4188

michael.gero@vermont.gov

From: DPS - DMT <DPS.DMT@vermont.gov>**Sent:** Tuesday, July 6, 2021 3:32 PM**To:** Gero, Michael <Michael.Gero@vermont.gov>**Subject:** Re: DMT is back in service

In order to complete the RPC, you will first need to return the DMT to service using your password and then the functions option from the dropdown menu. Once it is returned to service you may attempt to perform the RPC. In reviewing the raw data of your last attempt, we noticed a relatively high standard deviation so I was going to try to come take a look but things got busy and I didn't get the chance. I dont anticipate your DMT being service until the week of July 12th. If you try to perform the RPC prior to then, can you please take note of the 5 different values obtained during the accuracy and precision portion of the test. Each time the sim solution is run, a number will appear on the screen after it's completed. Something like 0.100, 0.099, etc. If you can, please send us the 5 different values that you see.

Thanks,

Jeff

From: Gero, Michael <Michael.Gero@vermont.gov>**Sent:** Saturday, July 3, 2021 12:07 AM**To:** DPS - DMT <DPS.DMT@vermont.gov>**Subject:** Re: DMT is back in service

Hello;

It won't allow me to run a RPC at this time.

100158

SOS

5

Respectfully;

Michael R. Gero
Corporal
Northfield Police Department

Mailing: 51 South Main Street

Physical: 110 Wall Street, Northfield, VT 05663

Phone: (802) 485-9181

Fax: (802) 485-4188

michael.gero@vermont.gov

From: DPS - DMT <DPS.DMT@vermont.gov>

Sent: Monday, June 28, 2021 8:45 AM

To: Gero, Michael <Michael.Gero@vermont.gov>

Subject: Re: DMT is back in service

Good morning,

Unfortunately, while the rest of the RPC looks fine, the sim solution lot number was incorrectly entered as 23-04-100. No one was present at your agency so I went ahead and removed the DMT from service remotely. You will need to re-run the RPC with the correct lot number entered.

Thank you,

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

From: Gero, Michael <Michael.Gero@vermont.gov>

Sent: Thursday, June 24, 2021 10:45 PM

To: DPS - Northfield PD <DPS.NorthfieldPD@vermont.gov>; DPS - DMT <DPS.DMT@vermont.gov>

Subject: DMT is back in service

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Northfield GMT

Gero, Michael <Michael.Gero@vermont.gov>

Mon 2021-07-05 5:55 AM

To: DPS - DMT <DPS.DMT@vermont.gov>

Hello;

I'll be back in Wed, Thurs 1800-0600 hours.

If you could re-activate etc. the Datamaster so I can do the RPC, or come fix it so I can do the RPC that'd be phenomenal.

It is out of service from when you took it out and was past July 1st when I went to do the RPC after I had my computer back and saw your email.

Respectfully;

Michael R. Gero
Corporal
Northfield Police Department

Mailing: 51 South Main Street

Physical: 110 Wall Street, Northfield, VT 05663

Phone: (802) 485-9181

Fax: (802) 485-4188

michael.gero@vermont.gov

Re: DMT Question

Gero, Michael <Michael.Gero@vermont.gov>

Wed 2021-06-30 5:26 AM

To: DPS - DMT <DPS.DMT@vermont.gov>

Hello;

Though I am off Wed Thurs, we are 24/7 and if you call 485-9181 someone will let you in so we can get our DMT back into service.

Thanks!

VR

Cpl. Gero, MR

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From: DPS - DMT <DPS.DMT@vermont.gov>

Sent: Monday, June 28, 2021 10:54:23 AM

To: Gero, Michael <Michael.Gero@vermont.gov>

Subject: DMT Question

Hey Officer Gero,

After a little closer look, we observed that the standard deviations on your RPC seemed a little off. Considering the other errors on your first attempts, I was wondering if someone would be available to let me in if I was stop by later this evening or tomorrow evening as I will likely be in Northfield anyway.

You mentioned you work at 6pm, but not sure if that's the same schedule this week.

Thanks,

Jeff

OOS 100158

Bolduc, Amanda <Amanda.Bolduc@vermont.gov>

Mon 2021-06-28 8:29 AM

To: DPS - DMT <DPS.DMT@vermont.gov>

Sarah,

Please put DMT 100158 out of service remotely due to the incorrect lot number on the June RPC.

Thanks

Amanda Bolduc, MFS

Toxicology Section Supervisor

Vermont Forensic Laboratory

Department of Public Safety

45 State Drive

Waterbury, VT 05671

(802) 241-5300 (ph)

(802) 585-0504 (cell)

(802) 241-5557 (fax)

Amanda.bolduc@vermont.gov

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Call Log

Person	Date	Type	VFL Staff	Case/DMT	Content
Dispatch (VSP)	6/28/2021	Phone	SGS	Northfield PD	Called Northfield PD regarding an incorrect lot number on their June RPC and got rerouted to VSP dispatch. VSP dispatch confirmed that no one was present at Northfield office currently. I told dispatch we would place the DMT out of service remotely and reach back out to Northfield.

100158

828

Re: DMT errors

Gero, Michael <Michael.Gero@vermont.gov>

Thu 2021-06-24 9:03 PM

To: DPS - DMT <DPS.DMT@vermont.gov>

Hello;

Having email issues, so apologies if you already got this information.

I ran the A&C with the average being .100 same as the solution with a standard deviation of .0009.

All connections appear secure and there are no alcohol products near the DMT.

I tried the 244 number but it tones a bust signal.

VR

Gero, Michael

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From: DPS - DMT <DPS.DMT@vermont.gov>

Sent: Thursday, June 24, 2021 1:22:29 PM

To: Gero, Michael <Michael.Gero@vermont.gov>

Subject: Re: DMT errors

Good afternoon,

The diagnostic portion of your RPC looked fine. Did anything change between that and the accuracy and precision section? Are there any bottles of hand sanitizer or other cleaning chemicals located near the instrument? Please double check the connection between the simulator and the DMT to make sure it is securely clicked in place. Then try running an Accuracy and Precision check from the options menu. You can call either myself or Jeff for further troubleshooting. I will be available after 7 PM at 804-244-1395. Thank you,

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

From: Gero, Michael <Michael.Gero@vermont.gov>

Sent: Wednesday, June 23, 2021 10:50 PM

To: DPS - DMT <DPS.DMT@vermont.gov>

Subject: DMT errors

Hello;

When attempting the RPC I first got a Blank Error about 4 checks in, I retried and got a Calibration Error. I ORI 1800-0600 hour shifts.

Respectfully

Corporal Michael R. Gero

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**State of Vermont
DMHost for Windows**

Breath Test Summary

SerialNumber = '100158' and TestDate between '6/24/2021' and '7/7/2021'

Serial #	Test Date/Time	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sim 1	Sim 2	Sim T*	Sim Lot	Target Status Code
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End of Report

100158

8278