

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100168  
Location: WINHALL PD  
Calibration Date: 07/30/2015  
Certification Date: 07/30/2015  
Installation Date: 07/31/2015  
RPC Date: 02/11/2016  
Supervisor Name: JEREMIAH J ROGERS

## Diagnostic Results

VERSIONS  
DMT: 2.00  
PIC: 2.06  
Modem: 2.6  
Questions: 2.1

## TEMPERATURES

Sample Chamber = 49.0°C  
Breath Tube = 46.4°C  
Digital Sim = 33.9°C

## SETTINGS

Lamp Voltage = 1.90 V  
Cooler Voltage = 1.88 V  
Bias Voltage = 80 V  
Chopper Freq = 530 Hz

## PUMP INFO

Flow Rate = 5.692 L/M

## DETECTOR INFO

PUMP ON OFF  
MAX(V) -0.0041 -0.0008  
MIN(V) -0.0057 -0.0024

## FILTER INFO

Filter 1 -0.002 Zero = true  
Filter 2 0.338 Zero = true  
Filter 3 1.354 Zero = true

## CALIBRATION CHECK

Xq = 0.108 0.24%

**Routine Performance Check Passed**

## Accuracy and Precision Check

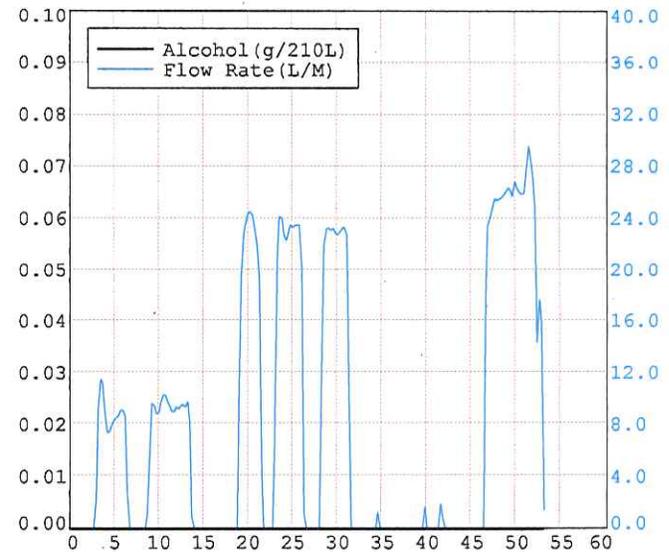
Concentration = 0.099 g/210L  
Lot # = 15-13-100  
Range = 0.094 - 0.104  
Average = 0.099 g/210L  
Std Dev = 0.0004

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by \_\_\_\_\_

*Jeremiah J Rogers*

Date 02/11/2016

Reviewed by \_\_\_\_\_

*[Signature]*

Date 2/12/16

*[Signature]*  
2/17/16

DMT Serial Number #100168

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# ROUTINE PERFORMANCE CHECK REPORT



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Location: WINHALL PD  
Calibration Date: 07/30/2015  
Certification Date: 07/30/2015  
Installation Date: 07/31/2015  
RPC Date: 02/11/2016  
Supervisor Name: JEREMIAH J ROGERS

## Diagnostic Results

VERSIONS  
DMT: 2.00  
PIC: 2.06  
Modem: 2.6  
Questions: 2.1

## TEMPERATURES

Sample Chamber = 48.7°C  
Breath Tube = 47.4°C  
Digital Sim = 33.9°C

## SETTINGS

Lamp Voltage = 1.90 V  
Cooler Voltage = 1.88 V  
Bias Voltage = 80 V  
Chopper Freq = 530 Hz

## PUMP INFO

Flow Rate = 5.637 L/M

## DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0049	-0.0016
MIN(V)	-0.0065	-0.0030

## FILTER INFO

Filter 1	-0.003	Zero = true
Filter 2	0.336	Zero = true
Filter 3	1.353	Zero = true

## CALIBRATION CHECK

Xq = 0.108 0.08%

**Routine Performance Check Failed**

## Accuracy and Precision Check

Concentration  
Lot #  
Range  
Average  
Std Dev

*See attached email for explanation RD 2/11/16*

Performed by

*Jeremiah Rogers*

Date

02/11/2016

Reviewed by

Date

## Driscoll, Rob

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**From:** Bolduc, Amanda  
**Sent:** Friday, February 12, 2016 7:16 AM  
**To:** Rogers, Jeremiah  
**Cc:** Driscoll, Rob  
**Subject:** RE: February RPC

It's actually pretty common for it to time out on the first try. The alcohol needs to come out of the water and into the air. Thirty minutes is usually enough time for it to do that, but not always. It's just an equilibration issues and not something to worry about. We'll be replacing the simulators this year and the new ones will be much better.

*Amanda Bolduc, MFS*  
Alcohol Program Supervisor  
Vermont Forensic Laboratory  
(802) 241-5300 (ph)  
(802) 585-0504 (cell)

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**From:** Rogers, Jeremiah  
**Sent:** Thursday, February 11, 2016 8:14 PM  
**To:** Bolduc, Amanda  
**Subject:** Re: February RPC

So my first try time'd out (as it does nearly every time). But I ran it through again and it passed. I have no idea why it usually times out on the first try? Please if you have any insight it would be helpful.

Thanks,  
Jeremiah Rogers  
Winhall Police and Rescue

Sent from my iPhone

On Feb 9, 2016, at 10:06 AM, Bolduc, Amanda <[Amanda.Bolduc@vermont.gov](mailto:Amanda.Bolduc@vermont.gov)> wrote:

Also, if your DMT is networked, we will automatically receive a copy of your RPC report; however if there were problems completing your RPC and it took more than one try to get a successful test, please let us know about the problems. The reports only tell us pass or fail, not WHY the failure may have happened.

Thank you

*Amanda Bolduc, MFS*  
Alcohol Program Supervisor  
Vermont Forensic Laboratory  
(802) 241-5300 (ph)  
(802) 585-0504 (cell)

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**From:** Driscoll, Rob  
**Sent:** Tuesday, February 09, 2016 9:59 AM

**To:** Adams, Jonathan; Allen, Blake; Allen, Ray; Ambroz, Todd; Bassette, Chad; Belville, Adam; Bill Hanson; Bohnyak, William; Bohnyak, William; Brad Vail; Breault, John; Brennan, Sean; Brooks, Philip; Butterfield, David; Carignan, Mark; Casco, Caleb; Chad Bean; Charkalis, Jason; Christopher Mason; Claffy, Brian; Cota, Drew; Cushing, Blake; David Solomon; Denault, Mark; Deslauriers, Katherine; Dominic Brodeur; Dwayne Mellis; Dziobek, James; Emery, Chad; Evans, Jeremy; Flowers, Heather; Frattini, Danielle; Fredholm, Jonathan; Gibbs, Kevin; Gilbert, Deborah; Gilbert, Donald; Greenough, Richard; Greenslet, Patrick; Hahr, Adrian; Haley, Jason; Hall, Michael L; Harvey, Allison; Herbes, Cassandra; Holly Ellis; Hulshof, Jeremy; James Goslin; James Mills; Jason Covey; Jim Otranto; John Dunn; Jollymore, Eric; Jones, Christopher; Keefe, Michael; Kerber, Dale; Kevin Emilio; King, Peter G; King, Richard; Kirkpatrick, Troy; Knapp, Kelsey; Koss, Frank; LaFlam, Jody; LaFountain, Gordon; Lauzon, Chris; Leonard, Anthony; Lester Cleary; Loomis, Seth; Lynch, James; MacFarlane, Jonathan; Marceau, Andrew; Mark Bickford; Marsh, Gregory; Matt Collins; Maurice, Crista; Meyer, Bret; Miles, Chad; mitchell, steven; Monteith, Mark; Morgan Lawton; Moulton, Charles; Neary, Eden; Newton, Brent; Noblet, Jason; Noyes, Jeffrey; O'Neill, Adam; Paul Fabiani; Perkins, Robert; Pickel, Justin; Pierce, Joel; Poulin, Marc; Quesnel, Christopher; Rainault, Gil; Rancourt, Tylor; Rataj, Charles; Ravelin, Paul; Reeve, Michael; Rick Greenough; Riehl, James; Rikken, Jay; Robert Kissinger; Robinson, Dustin; Robson, Jesse; Rogers, Jeremiah; Sarah Superneau; Satterfield, Charles; Shepard, Eric; Silver, Daniel; Simpson, Tom; Sly, John; Stearns, Steven; Steere, Daniel; Steeves, Matthew; stephen Dunning; Stephen Nolan; Sweeny, Jay; Szarejko, Joseph T; Taylor, Stephanie; Tetreault, Chris; Tienken, Derrick; Tiersch, Steven; Underwood, Andrew; Vaillancourt, Nathan; Waitekus, John; Warner, William; Watson, Christian; Wayne Briggs  
([wbriggs@orangecountysheriff.com](mailto:wbriggs@orangecountysheriff.com)); Werner, Rich; White, David; Whitehead, Charles; Whitney, Patricia; William Austin; Winn, Charles; Witherbee, Penny

**Cc:** Bolduc, Amanda

**Subject:** February RPC

DMT Supervisors,

I just wanted to remind you that February is an RPC month. Please let us know if you need any simulator solution to perform your RPC. If the RPC is not completed before the end of the month, the instrument will place itself out of service.

Thanks,  
Rob

Robert Driscoll  
Vermont Forensics Laboratory  
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Waterbury, VT 05671  
Electronics Technician  
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