

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 300387  
 Location: Hinesburg PD  
 Calibration Date: 07/10/2013  
 Certification Date: 07/11/2013  
 Installation Date: 02/13/2014  
 RPC Date: 02/10/2015  
 Supervisor Name: CALEB M CASCO

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.9°C  
 Breath Tube = 48.1°C  
 Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.70 V  
 Cooler Voltage = 1.81 V  
 Bias Voltage = 82 V  
 Chopper Freq = 541 Hz

### PUMP INFO

Flow Rate = 5.762 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.1106	-0.1061
MIN (V)	-0.1122	-0.1091

### FILTER INFO

Filter 1	-0.109	Zero = true
Filter 2	0.603	Zero = true
Filter 3	0.347	Zero = true

### CALIBRATION CHECK

Xq = 0.072 1.30%

**Routine Performance Check Passed**

## Accuracy and Precision Check

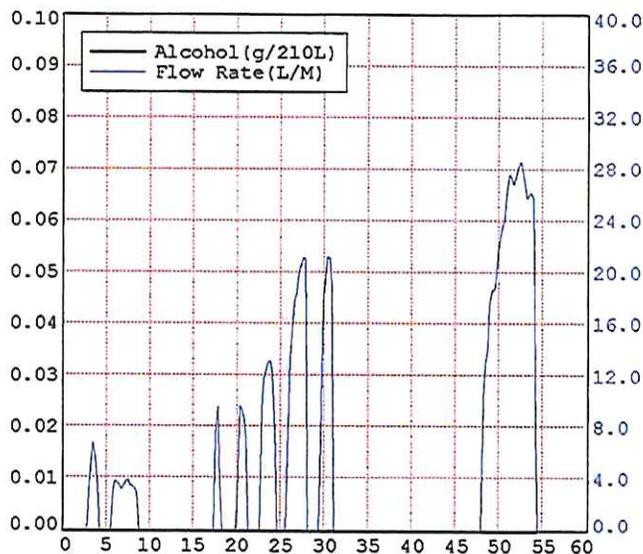
Concentration	= 0.098 g/210L
Lot #	= 14-50-100 RCD 2/24/15
Range	= 0.093 - 0.103
Average	= 0.099 g/210L
Std Dev	= 0.0000

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by *[Signature]*

Date 02/10/2015

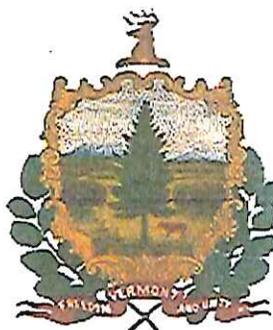
Reviewed by *[Signature]*

Date 2/16/15

DMT Serial Number #300387

# SOLUTION CHANGE

DataMaster DMT: 300387  
Location: Hinesburg PD  
Date: 02/25/2015  
Performed by: CALEB M CASCO



## Accuracy and Precision Check

Concentration = 0.098 g/210L  
Lot # = 14-05-100  
Range = 0.093 - 0.103  
Average = 0.096 g/210L  
Std Dev = 0.0000

Simulator Temperature: 34°C

Performed by

A handwritten signature in black ink, appearing to read "C. Casco", written over a horizontal line.

Date

02/25/2015

## Driscoll, Rob

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**From:** Casco, Caleb  
**Sent:** Wednesday, February 25, 2015 4:20 PM  
**To:** Driscoll, Rob  
**Subject:** RE: RPC Reminder  
**Attachments:** doc02470720150225162128.pdf

Here it is.

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**From:** Driscoll, Rob  
**Sent:** Wednesday, February 25, 2015 12:09 PM  
**To:** Casco, Caleb  
**Subject:** Re: RPC Reminder

Yes, please just send me a copy of the solution change printout.  
Thanks,  
Rob

Sent from my iPhone

On Feb 25, 2015, at 12:07 PM, Casco, Caleb <[Caleb.Casco@state.vt.us](mailto:Caleb.Casco@state.vt.us)> wrote:

Got it. I will do that tonight. Do you need me to send you anything after?

Thanks,

Caleb

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**From:** Driscoll, Rob  
**Sent:** Tuesday, February 24, 2015 3:48 PM  
**To:** Casco, Caleb  
**Subject:** Re: RPC Reminder

Caleb,  
You do not need to change the solution. To correct the Lot # you need to do a solution change in the DMT software, inputting the correct information.

Regards,  
Rob

Sent from my iPhone

On Feb 24, 2015, at 3:45 PM, Casco, Caleb <[Caleb.Casco@state.vt.us](mailto:Caleb.Casco@state.vt.us)> wrote:

I am out of simulator solution so I can not change it. We have not had any DUIs sense the RPC.

Caleb

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**From:** Driscoll, Rob  
**Sent:** Tuesday, February 24, 2015 7:39 AM

**To:** Casco, Caleb  
**Subject:** RE: RPC Reminder

Caleb,

In reviewing your RPC I noticed that you entered the Lot # incorrectly. Can you please check to see what DUI tests were completed since the RPC? Also perform a simulator solution change protocol on the DMT software to correct the error. Every ticket that was processed since the RPC will now have the wrong Lot # listed on it, this is why we stress to send us the RPC as soon as it is completed so that we can review it.

Thanks,  
Rob

Robert Driscoll  
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Electronics Technician  
[Rob.Driscoll@state.vt.us](mailto:Rob.Driscoll@state.vt.us)  
Desk: (802) 241-5817  
Cell: (802) 585-0123

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**From:** Casco, Caleb  
**Sent:** Monday, February 23, 2015 4:46 PM  
**To:** Driscoll, Rob  
**Subject:** RE: RPC Reminder

Here id Feb RPC. Let me know if you need anything else.

Caleb Casco  
Sergeant  
Hinesburg Police

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**From:** Driscoll, Rob  
**Sent:** Monday, February 23, 2015 1:16 PM  
**To:** Reeve, Michael; Allen, Blake; Allen, Ray; Abell, Dustin; Flowers, Heather; Ellis, Holly; Noyes, Jeffrey; Gibbs, Kevin; Larente, Edouard; LaFountain, Gordon; Bennett, Daniel F; Howard, Joel; Noblet, Jason; Steere, Daniel; Hall, Michael L; Robinson, Dustin; Whitney, Patricia; Rigger, Jay; Stearns, Steven; Watson, Christian; Gero, Michael; Cochran, Aaron; Cleary, Lester; Bickford, Mark; Greenough, Richard; Dominic Brodeur; Dwayne Mellis; Michael Cram-ForwardAddress ([mgram@winooskipolice.com](mailto:mgram@winooskipolice.com)); Claffy, Brian; Underwood, Andrew; Gilbert, Donald; Steeves, Matthew; Deslauriers, Katherine; Kevin Emilio; Christopher Mason; Jason Covey; Harvey, Allison; Taylor, Stephanie; Szarejko, Joseph T; Koss, Frank; Casco, Caleb  
**Subject:** RPC Reminder

Our records indicate that you have not yet performed the February RPC for your DataMaster DMT. If this is not completed before the end of February, the instrument will automatically be removed from service until such time as a passing RPC is

completed. The instrument will display "*Routine Performance Check Required*". Please submit a color copy of your results to us via e-mail or mail at your earliest convenience.

If you have any questions, please contact me.

Robert Driscoll  
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Electronics Technician  
[Rob.Driscoll@state.vt.us](mailto:Rob.Driscoll@state.vt.us)  
Desk: (802) 241-5817  
Cell: (802) 585-0123

# DATAMASTER DMT MAINTENANCE LOG

Department/Agency \_\_\_\_\_

DataMaster DMT Serial Number \_\_\_\_\_

DATE	TYPE OF SERVICE PERFORMED	PERFORMED BY (Name and Title)
10/8/14	<p style="text-align: center;"><i>Monthly update and RPC</i></p> <p>[ For RPC or Simulator Solution Change Place Label Here]</p> <p><b>DataMaster Simulator Solution</b>                      Lot # 14-05-100 EtOHaq Conc: 0.098                      Range: 0.093 - 0.103                      Preparation Date: 6/19/2014 Expires: 6/19/2015  <u>10/8/14 Casco</u>                      OPENED:</p>	Casco
12/24/14	<p style="text-align: center;"><i>Accuracy and Precision Test</i></p> <p>[ For RPC <b>DataMaster Simulator Solution</b> ce Label Here]</p> <p>Lot # 14-12-100 EtOHaq Conc: 0.098                      Range: 0.093 - 0.103                      Preparation Date: 9/10/2014 Expires: 9/10/2015  <u>12/24/14 Casco</u>                      OPENED:</p>	Casco
1/14/15	<p style="text-align: center;"><i>Monthly update</i></p> <p>[ For RPC or Simulator Solution Change Place Label Here]</p>	Casco
2/10/15	<p style="text-align: center;"><b>DataMaster Simulator Solution</b></p> <p>[ For RP: Lot # 14-05-100 EtOHaq Conc: 0.098                      Range: 0.093 - 0.103                      Preparation Date: 6/19/2014 Expires: 6/19/2015                      OPENED:</p> <p style="text-align: center; font-size: 2em;"><i>RPC</i></p>	Casco