

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106  
 Location: Vergennes PD  
 Calibration Date: 01/03/2012  
 Certification Date: 01/04/2012  
 Installation Date: 03/05/2014  
 RPC Date: 10/28/2015  
 Supervisor Name: ADAM J ONEILL

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.7°C  
 Breath Tube = 47.7°C  
 Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.72 V  
 Cooler Voltage = 1.79 V  
 Bias Voltage = 80 V  
 Chopper Freq = 538 Hz

### PUMP INFO

Flow Rate = 5.255 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2846	0.2870
MIN (V)	0.2827	0.2848

### FILTER INFO

Filter 1	0.286	Zero = true
Filter 2	0.669	Zero = true
Filter 3	0.949	Zero = true

### CALIBRATION CHECK

Xq = 0.086 0.30%

**Routine Performance Check Passed**

## Accuracy and Precision Check

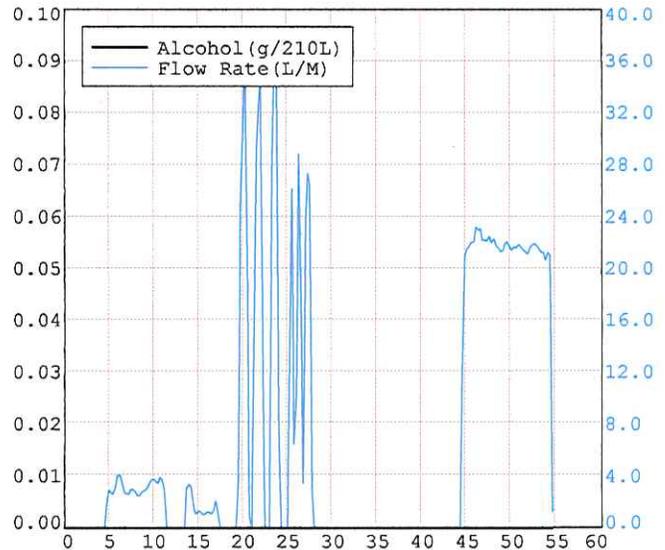
Concentration	= 0.099 g/210L
Lot #	= 15-09-100
Range	= 0.094 - 0.104
Average	= 0.098 g/210L
Std Dev	= 0.0004

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by *Adam J O'Neill*

Date 10/28/2015

Reviewed by *[Signature]*

Date 11/2/15

DMT Serial Number #122106

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## Driscoll, Rob

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**From:** O'Neill, Adam  
**Sent:** Thursday, October 29, 2015 4:37 PM  
**To:** Driscoll, Rob  
**Subject:** RE: October RPC

There was a "Suck Back Error", so I had to re-do that part of the test. After trying again, it passed. so there are now two copies for the same RPC.

Officer Adam O'Neill  
Vergennes Police Department  
8 Main Street  
Vergennes, VT 05491  
802-877-1152 (Office)  
802-770-4554 (Cell)

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**From:** Driscoll, Rob  
**Sent:** Thursday, October 29, 2015 7:28 AM  
**To:** O'Neill, Adam  
**Subject:** RE: October RPC

Adam,

Your DMT is networked so I was able to print copies of your RPC here (no need to send if you haven't already). What was the reason for the failed RPC attempt?

Thanks,  
Rob

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**From:** O'Neill, Adam  
**Sent:** Wednesday, October 28, 2015 10:30 PM  
**To:** Driscoll, Rob  
**Subject:** RE: October RPC

Hi Rob,

Our RPC was done today. We dont have the means to email in color, so I will be sending it via mail tomorrow.

Also, we will need more Solution here in Vergennes. I just used up the last of what we had for this RPC.

Thanks!

Officer Adam O'Neill  
Vergennes Police Department  
8 Main Street  
Vergennes, VT 05491  
802-877-1152 (Office)  
802-770-4554 (Cell)

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106  
Location: Vergennes PD  
Calibration Date: 01/03/2012  
Certification Date: 01/04/2012  
Installation Date: 03/05/2014  
RPC Date: 10/28/2015  
Supervisor Name: ADAM J ONEILL

### Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.8°C  
Breath Tube = 48.1°C  
Digital Sim = 33.9°C

### SETTINGS

Lamp Voltage = 1.72 V  
Cooler Voltage = 1.79 V  
Bias Voltage = 80 V  
Chopper Freq = 537 Hz

### PUMP INFO

Flow Rate = 5.196 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2689	0.2715
MIN(V)	0.2665	0.2687

### FILTER INFO

Filter 1	0.269	Zero = true
Filter 2	0.653	Zero = true
Filter 3	0.929	Zero = true

### CALIBRATION CHECK

Xq = 0.086 0.81%

**Routine Performance Check Failed**

### Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 15-09-100
Range	= 0.094 - 0.104
Average	= 0.098 g/210L
Std Dev	= 0.0004

### RF Detection Test

Passed

### Sample Acceptance Test

Failed

Performed by

A handwritten signature in black ink, appearing to read 'Adam J. O'Neill', is written over a horizontal line.

Date

10/28/2015

Reviewed by

Date

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