

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100154  
Location: Washington County SO  
Calibration Date: 11/16/2011  
Certification Date: 11/17/2011  
Installation Date: 12/08/2011  
RPC Date: 10/22/2012  
Supervisor Name: BRET S MEYER

## 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 = 1.72 V  
Cooler Voltage = 1.69 V  
Bias Voltage = 81 V  
Chopper Freq = 538 Hz

### PUMP INFO

Flow Rate = 5.862 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2065	0.2079
MIN (V)	0.2043	0.2065

### FILTER INFO

Filter 1	0.207	Zero = true
Filter 2	0.538	Zero = true
Filter 3	1.531	Zero = true

### CALIBRATION CHECK

Xq = 0.088 1.00%

## Accuracy and Precision Check

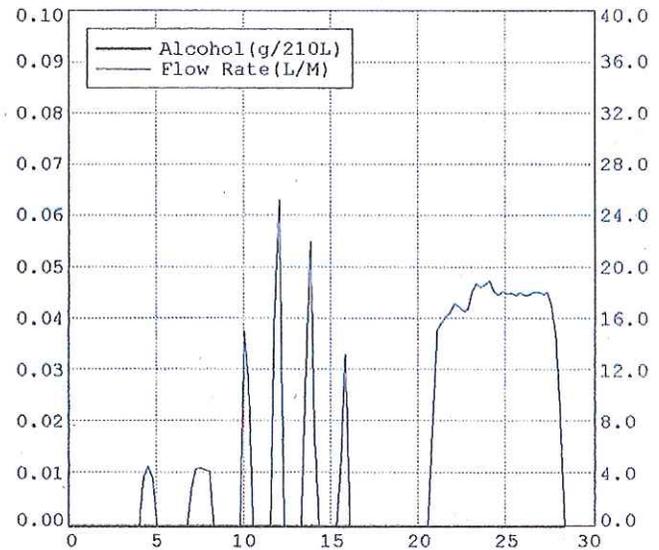
Concentration = 0.101 g/210L  
Lot # = 12-64-100  
Range = 0.096 - 0.106  
Average = 0.101 g/210L  
Std Dev = 0.0000

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Routine Performance Check Passed

Performed by [Signature]

Date 10/22/2012

Reviewed by [Signature]

Date 10/22/12

DMT Serial Number #100154

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10/22/2012 11:08 AM

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Supervisor Name: BRET S MEYER

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.7°C  
Breath Tube = 48.1°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.72 V  
Cooler Voltage = 1.69 V  
Bias Voltage = 81 V  
Chopper Freq = 538 Hz

### PUMP INFO

Flow Rate = 5.838 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2028	0.2045
MIN (V)	0.2010	0.2033

### FILTER INFO

Filter 1	0.204	Zero = true
Filter 2	0.534	Zero = true
Filter 3	1.527	Zero = true

### CALIBRATION CHECK

Xq = 0.087 0.40%

## Accuracy and Precision Check

Concentration = 0.101 g/210L  
Lot # = 12-64-100  
Range = 0.096 - 0.106  
Average = 0.102 g/210L  
Std Dev = 0.0000

## RF Detection Test

Failed

## Routine Performance Check Failed

DMT did not detect radio frequency during the console radio test.

DMT supervisor canceled the test prior to checking handheld test. REC 10/22/12

Performed by Bret S Meyer

Date 10/22/2012

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

Date \_\_\_\_\_

**Driscoll, Rob**

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**From:** Meyer, Bret  
**Sent:** Monday, October 22, 2012 11:02 AM  
**To:** Driscoll, Rob  
**Subject:** RE: DMT RPC

Rob,

Went through the RPC till the Radio Interference Test.

Tested the Console Radio and went to do the Handheld and before I was able to test the Handheld in went to RF Detection Failure.

I have restarted the test without the timer wait time and awaiting the RF Test again.

I take it the timer is very short for this?

Lieutenant Bret Meyer  
Washington County Sheriff's Department  
[Bret.Meyer@state.vt.us](mailto:Bret.Meyer@state.vt.us)

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**From:** Driscoll, Rob  
**Sent:** Monday, October 22, 2012 08:59  
**To:** Meyer, Bret  
**Subject:** RE: DMT RPC

Bret,

I am the new technician in the Forensic lab. You can send the RPC's to me, Trish, or Amanda. I have been taking most of them as Amanda is still out on maternity leave.

Regards,  
Rob

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**From:** Meyer, Bret  
**Sent:** Monday, October 22, 2012 8:55 AM  
**To:** Driscoll, Rob  
**Subject:** DMT RPC

Rob,

I take it you replaced Steve Harnois?

In the past we have sent the RPC scanned colored copy via email to Trish or Amanda. Do we know send these to you?

Lieutenant Bret Meyer  
Washington County Sheriff's Department  
[Bret.Meyer@state.vt.us](mailto:Bret.Meyer@state.vt.us)

## Driscoll, Rob

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**From:** Meyer, Bret  
**Sent:** Monday, October 22, 2012 11:14 AM  
**To:** Driscoll, Rob  
**Subject:** RE: DMT RPC

Actually worked fine with Handheld test.

Do you need the color copy of the one when I test the console radio.

It is normal for it not to get RF from this as the antenna is on the roof and the radio is in a separate room.

The problem is that it moves on to quickly to abort on you.

Lieutenant Bret Meyer  
Washington County Sheriff's Department  
[Bret.Meyer@state.vt.us](mailto:Bret.Meyer@state.vt.us)

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