

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100164  
Location: Rutland City PD  
Calibration Date: 08/31/2011  
Certification Date: 08/31/2011  
Installation Date: 12/01/2011  
RPC Date: 01/18/2015  
Supervisor Name: CHARLES G WHITEHEAD

## Diagnostic Results

VERSIONS  
DMT: 1.01  
PIC: 2.06  
Modem: 2.4  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 49.1°C  
Breath Tube = 45.2°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.81 V  
Cooler Voltage = 1.71 V  
Bias Voltage = 80 V  
Chopper Freq = 553 Hz

### PUMP INFO

Flow Rate = 5.688 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2685	0.2705
MIN (V)	0.2661	0.2693

### FILTER INFO

Filter 1	0.270	Zero = true
Filter 2	0.472	Zero = true
Filter 3	0.932	Zero = true

### CALIBRATION CHECK

Xq = 0.090 1.05%

Routine Performance Check Passed

## Accuracy and Precision Check

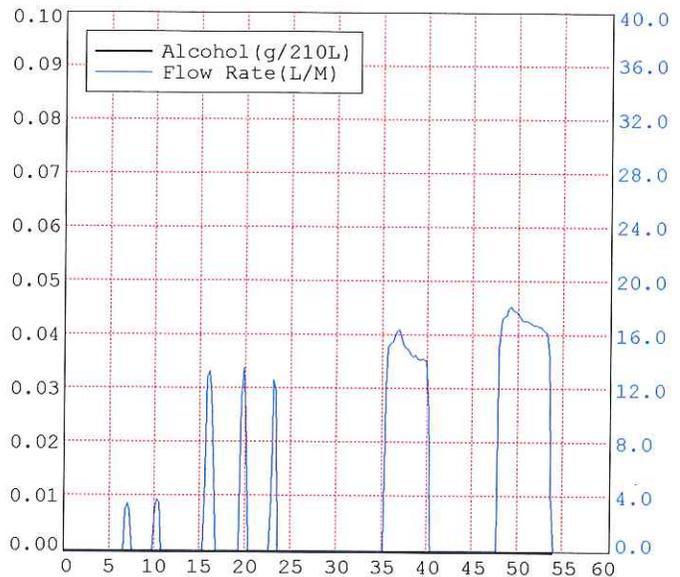
Concentration = 0.099 g/210L  
Lot # = 14-14-100  
Range = 0.094 - 0.104  
Average = 0.099 g/210L  
Std Dev = 0.0000

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by

*CD Whitehead*

Date

01/18/2015

Reviewed by

*[Signature]*

Date

1/26/15

*[Signature]*  
1/26/2015

DMT Serial Number #100164

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RPC Date: 01/18/2015  
Supervisor Name: CHARLES G WHITEHEAD

## Diagnostic Results

VERSIONS  
DMT: 1.01  
PIC: 2.06  
Modem: 2.4  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 48.8°C  
Breath Tube = 46.7°C  
Digital Sim = 34.1°C

### SETTINGS

Lamp Voltage = 1.81 V  
Cooler Voltage = 1.71 V  
Bias Voltage = 80 V  
Chopper Freq = 556 Hz

### PUMP INFO

Flow Rate = 5.523 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2996	0.3035
MIN (V)	0.2976	0.3016

### FILTER INFO

Filter 1	0.303	Zero = true
Filter 2	0.502	Zero = true
Filter 3	0.945	Zero = true

### CALIBRATION CHECK

Xq = 0.089 2.49%

## Accuracy and Precision Check

Concentration = 0.099 g/210L  
Lot # = 14-14-100  
Range = 0.094 - 0.104  
Average = 0.097 g/210L  
Std Dev = 0.0000

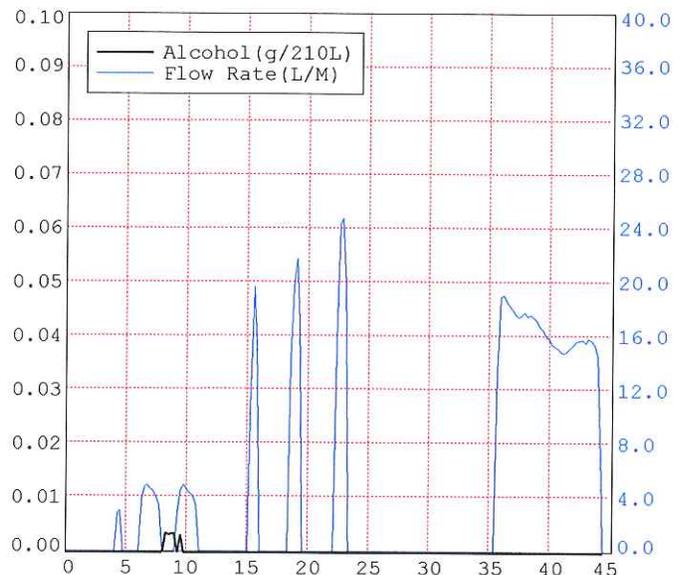
## RF Detection Test

Passed

## Sample Acceptance Test

Failed

alcohol detected *RED 1/26/15*



Routine Performance Check Failed

Performed by *Charles G Whitehead*

Date 01/18/2015

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

Date \_\_\_\_\_

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RPC Date: 01/18/2015  
Supervisor Name: CHARLES G WHITEHEAD

## Diagnostic Results

VERSIONS  
DMT: 1.01  
PIC: 2.06  
Modem: 2.4  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 48.8°C  
Breath Tube = 45.0°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.81 V  
Cooler Voltage = 1.71 V  
Bias Voltage = 80 V  
Chopper Freq = 554 Hz

### PUMP INFO

Flow Rate = 5.591 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2778	0.2815
MIN (V)	0.2762	0.2797

### FILTER INFO

Filter 1	0.281	Zero = true
Filter 2	0.482	Zero = true
Filter 3	0.935	Zero = true

### CALIBRATION CHECK

Xq = 0.089 2.68%

## Accuracy and Precision Check

Concentration = 0.099 g/210L  
Lot # = 14-14-100  
Range = 0.094 - 0.104  
Average = 0.099 g/210L  
Std Dev = 0.0000

## RF Detection Test

Failed

**Routine Performance Check Failed**

*See attached email explaining RF detection test failure Res 1/26/15*

Performed by

*C. Whitehead*

Date

01/18/2015

Reviewed by

Date

## Driscoll, Rob

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**From:** Whitehead, Charles  
**Sent:** Thursday, January 22, 2015 5:46 PM  
**To:** Driscoll, Rob  
**Subject:** RE: Rutland RPC

I believe it was because I didn't hold the antenna close enough to the mouth piece! Once I did that the second time it took it.

Thanks,

Chuck

Officer Charles Whitehead & K9 Braden  
Rutland City Police Department  
108 Wales St Rutland City, VT 05701

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**From:** Driscoll, Rob  
**Sent:** Thursday, January 22, 2015 2:45 PM  
**To:** Whitehead, Charles  
**Subject:** Rutland RPC

Charles,

I see that your passing RPC was accompanied by two failed copies. I see that the first one showed an alcohol blip during the sample acceptance and you made a note that alcohol was detected. The second fail showed an RF detection test failure, but no note explaining why? Please let me know what happened on that failed RPC, and in the future just make a note on the failed copy.

Thanks,  
Rob

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