

# ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100144  
Location: SPRINGFIELD PD  
Calibration Date: 04/14/2017  
Certification Date: 04/14/2017  
Installation Date: 04/18/2017  
APM Date: 04/02/2018  
Performed by: ROBERT DRISCOLL

## Diagnostic Results

VERSIONS  
DMT: 2.03  
PIC: 2.08  
Modem: 2.6  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 48.9°C  
Breath Tube = 45.8°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.66 V  
Cooler Voltage = 1.66 V  
Bias Voltage = 80 V  
Chopper Freq = 539 Hz

### PUMP INFO

Flow Rate = 5.672 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0785	0.0815
MIN (V)	0.0770	0.0795

### FILTER INFO

Filter 1	0.080	Zero = true
Filter 2	0.704	Zero = true
Filter 3	1.593	Zero = true

### CALIBRATION CHECK

Xq = 0.081 0.21%

APM PASSED

## Simulator Vapor Test

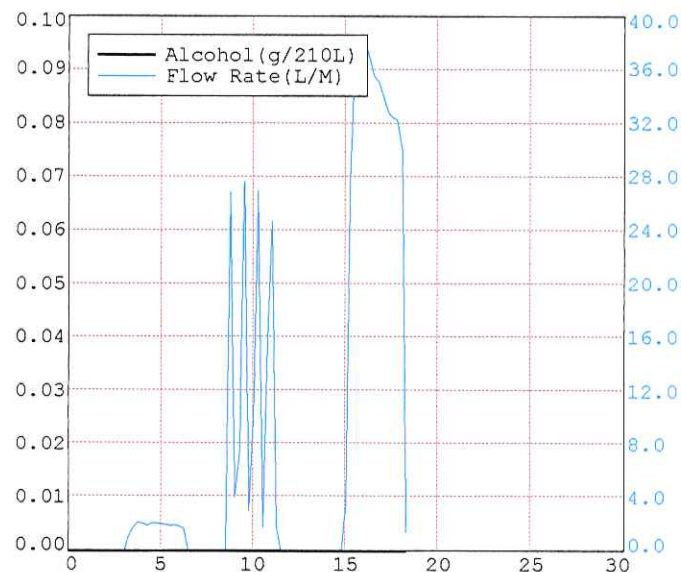
Concentration = 0.101 g/210L  
Lot # = 17-19-100  
Range = 0.096 - 0.106  
Simulator Vapor = 0.100 g/210L

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by

*RCD*

Date

04/02/2018

Reviewed by

*AB*

Date

4/4/18

## Simulator Temperature Check

Simulator Serial Number:

MP3511

DMT Serial Number / Simulator Location:

100144 / Springfield PD

NIST Traceable Thermometer Serial Number:

160294076

## As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.94	34.00	0.06	Y

\* 34.0 +/- 0.2 degree Celsius acceptable range

Was temperature adjustment performed?

Y / N

## As Left (if applicable)

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator				

Notes:

Check Performed By:

[Signature]

Date:

4/2/18

Reviewed by:

[Signature]

Date:

4/4/18