

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: 02/09/2022
Performed by: JEFFERY DUKETTE



Diagnostic Results

VERSIONS
DMT: 2.06
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 41.6°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.66 V
Cooler Voltage = 1.66 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.612 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.4630	0.4667
MIN (V)	0.4616	0.4650

FILTER INFO

Filter	Value	Zero
Filter 1	0.465	true
Filter 2	1.037	true
Filter 3	1.850	true

CALIBRATION CHECK

Xq = 0.082 1.28%

APM PASSED

Simulator Vapor Test

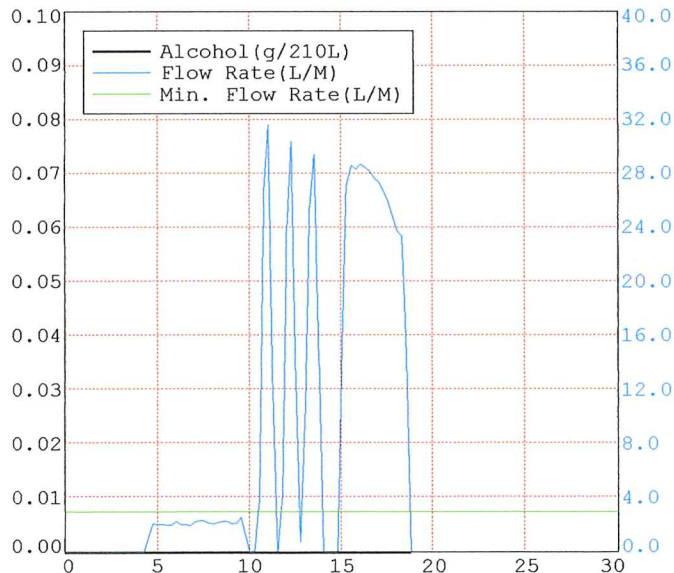
Concentration = 0.100 g/210L
Lot # = 21-06-100
Range = 0.095 - 0.105
Simulator Vapor = 0.096 g/210L

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

Date

02/09/2022

Reviewed by

Date

2/23/22

Simulator Temperature Check

Simulator Serial Number:

MP3511

DMT Serial Number / Simulator Location:

100144 / Springfield VT

NIST Traceable Thermometer Serial Number:

1924 20790

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.04	34.00	0.04	Y

* $\pm 0.10^{\circ}\text{C}$ agreement between thermometer and simulator* $34.0 \pm 0.2^{\circ}\text{C}$ acceptable range

Was temperature adjustment performed?

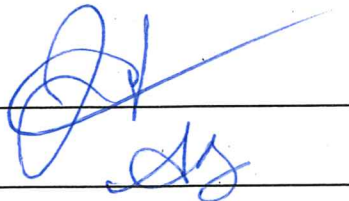
Y / N

As Left (if applicable)

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

Notes:

Check Performed By:



Date:

2/9/22

Reviewed by:

Date:

2/23/22