

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100140
Location: BRADFORD VSP
Calibration Date: 04/12/2017
Certification Date: 04/12/2017
Installation Date: 04/13/2017
APM Date: 07/10/2020
Performed by: JEFFERY DUKETTE

Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 44.4°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.59 V
Cooler Voltage = 1.55 V
Bias Voltage = 80 V
Chopper Freq = 534 Hz

PUMP INFO

Flow Rate = 5.639 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3531	0.3559
MIN (V)	0.3514	0.3543

FILTER INFO

Filter 1	0.355	Zero = true
Filter 2	0.714	Zero = true
Filter 3	1.266	Zero = true

CALIBRATION CHECK

Xq = 0.078 0.11%

APM PASSED

Simulator Vapor Test

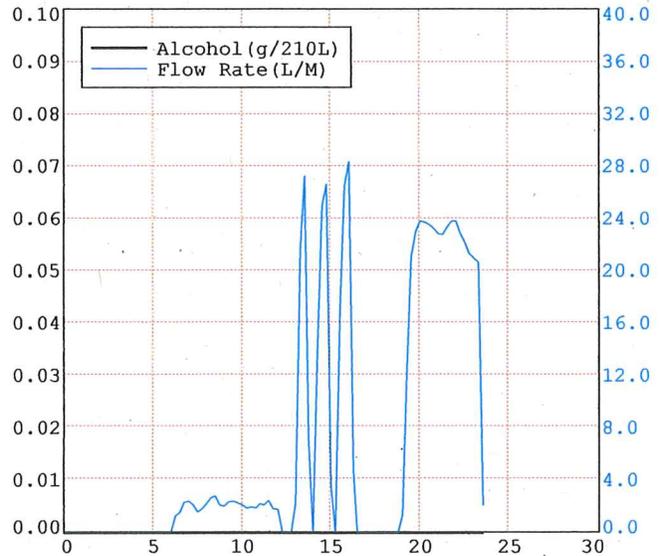
Concentration = 0.101 g/210L
Lot # = 20-10-100
Range = 0.096 - 0.106
Simulator Vapor = 0.101 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by JD

Date 07/10/2020

Reviewed by JD

Date 7/13/2020

DMT Serial Number #100140

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JD

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Simulator Temperature Check

Simulator Serial Number:

MP3510

DMT Serial Number / Simulator Location:

100140 / VSP Bradford

NIST Traceable Thermometer Serial Number:

192420790

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.09	34.00	0.09	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:

7/10/2020

Reviewed by:

[Signature]

Date:

7/13/2020