

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100145
Location: BRIGHTON PD
Calibration Date: 04/27/2017
Certification Date: 04/27/2017
Installation Date: 04/28/2017
APM Date: 04/10/2019
Performed by: DAVID PATLAK

Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 46.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.60 V
Bias Voltage = 80 V
Chopper Freq = 540 Hz

PUMP INFO

Flow Rate = 5.503 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2575	0.2620
MIN(V)	0.2555	0.2600

FILTER INFO

Filter	Value	Zero
Filter 1	0.261	true
Filter 2	0.819	true
Filter 3	1.652	true

CALIBRATION CHECK

Xq = 0.125 0.14%

APM PASSED

Simulator Vapor Test

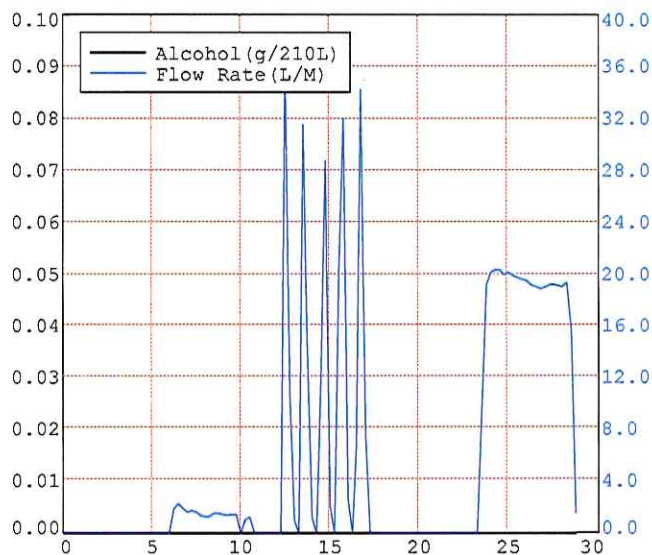
Concentration = 0.101 g/210L
Lot # = 18-16-100
Range = 0.096 - 0.106
Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Date

04/10/2019

Reviewed by

Date

4/18/19

DMT Serial Number #100145

Page 1 of 1

04/17/2019 1:47 PM

1 of 2

Simulator Temperature Check

Simulator Serial Number:

MP3492

DMT Serial Number / Simulator Location:

100145 / BRIGTON 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:



Date:

4/10/19

Reviewed by:



Date:

4/18/19