

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100146
Location: MIDDLESEX VSP
Calibration Date: 03/27/2017
Certification Date: 03/27/2017
Installation Date: 03/28/2017
APM Date: 07/31/2018
Performed by: ROBERT DRISCOLL

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 551 Hz

PUMP INFO

Flow Rate = 4.873 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3252	0.3278
MIN (V)	0.3238	0.3262

FILTER INFO

Filter 1	0.326	Zero = true
Filter 2	0.547	Zero = true
Filter 3	0.811	Zero = true

CALIBRATION CHECK

Xq = 0.080 0.98%

APM PASSED

Simulator Vapor Test

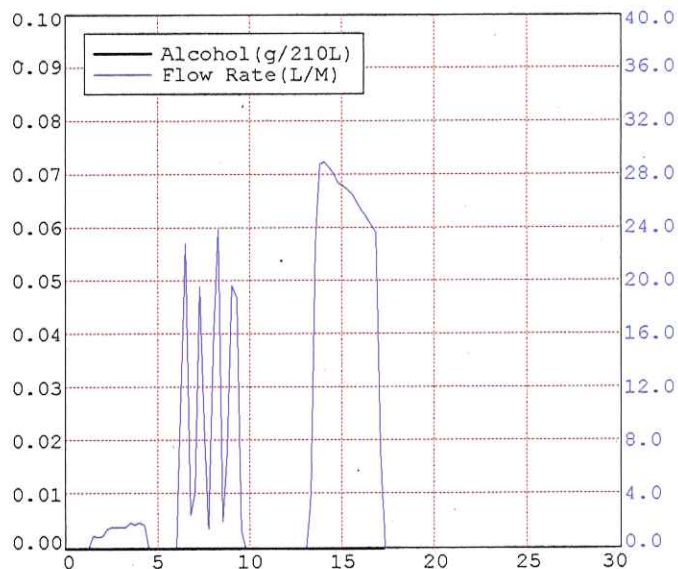
Concentration = 0.101 g/210L
Lot # = 18-01-100
Range = 0.096 - 0.106
Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

RD

Date

07/31/2018

Reviewed by

AD

Date

8/14/18

Simulator Temperature Check

Simulator Serial Number:

MP3480

DMT Serial Number / Simulator Location:

100146 / Middlesex VSP

NIST Traceable Thermometer Serial Number:

160294076

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.03	34.01	0.02	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:

7/31/18

Reviewed by:

Date:

8/14/18