ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100153
Location: BRATTLEBORO PD
Calibration Date: 10/23/2015
Certification Date: 10/23/2015
Installation Date: 10/23/2015
APM Date: 08/02/2016
Performed by: ROBERT DRISCOLL

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
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 = 1.67 V
Cooler Voltage = 1.64 V
Bias Voltage = 80 V
Chopper Freq = 549 Hz

PUMP INFO
Flow Rate = 5.854 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0795	0.0811
MIN(V)	0.0778	0.0795

FILTER INFO

Filter 1	0.080	Zero = true
Filter 2	0.318	Zero = true
Filter 3	0.711	Zero = true

CALIBRATION CHECK
Xq = 0.086 0.00%

APM PASSED

Simulator Vapor Test

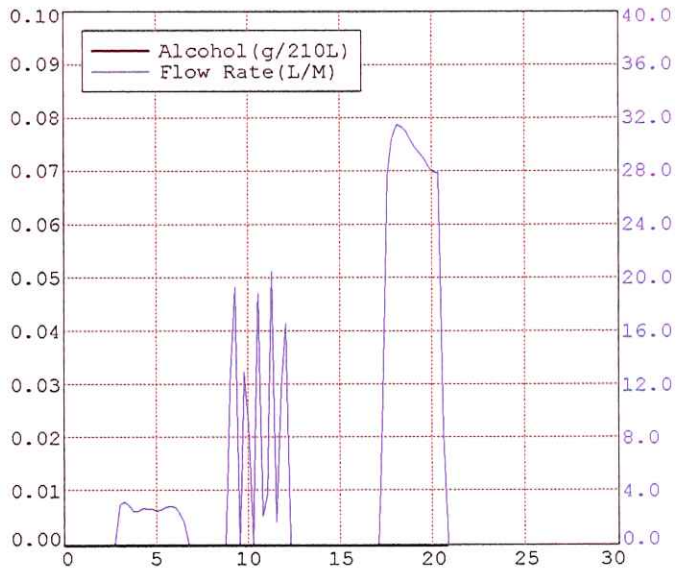
Concentration	= 0.100 g/210L
Lot #	= 15-25-100
Range	= 0.095 - 0.105
Simulator Vapor	= 0.096 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



NIST Thermometer S/N 111814 367 33.9°C
RCD 8/2/16

Performed by RCD Date 08/02/2016

Reviewed by AB Date 8/23/16

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Diagnostic Results

```
VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube    = 48.1°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.67 V
Cooler Voltage = 1.64 V
Bias Voltage   = 80 V
Chopper Freq   = 548 Hz

PUMP INFO
Flow Rate = 5.741 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.0734    0.0726
MIN(V)   0.0669    0.0709

FILTER INFO
Filter 1   0.071  Zero = true
Filter 2   0.315  Zero = true
Filter 3   0.689  Zero = true

CALIBRATION CHECK
Xq  = 0.086  0.50%
```

Simulator Vapor Test

Concentration = 0.100 g/210L
Lot # = 15-25-100
Range = 0.095 - 0.105
Simulator Vapor = 0.093 g/210L
Simulator out of range
RCD 8/2/16

APM FAILED

Performed by RCD Date 08/02/2016

Reviewed by _____ Date _____

2 RCD

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Installation Date: 10/23/2015
APM Date: 08/02/2016
Performed by: ROBERT DRISCOLL

Diagnostic Results

```
VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube    = 46.0°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.67 V
Cooler Voltage = 1.64 V
Bias Voltage   = 80 V
Chopper Freq   = 549 Hz

PUMP INFO
Flow Rate = 5.718 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.0746    0.0780
MIN(V)   0.0730    0.0768

FILTER INFO
Filter 1   0.077  Zero = true
Filter 2   0.317  Zero = true
Filter 3   0.702  Zero = true

CALIBRATION CHECK
Xq  = 0.087  0.20%
```

APM FAILED

Simulator Vapor Test

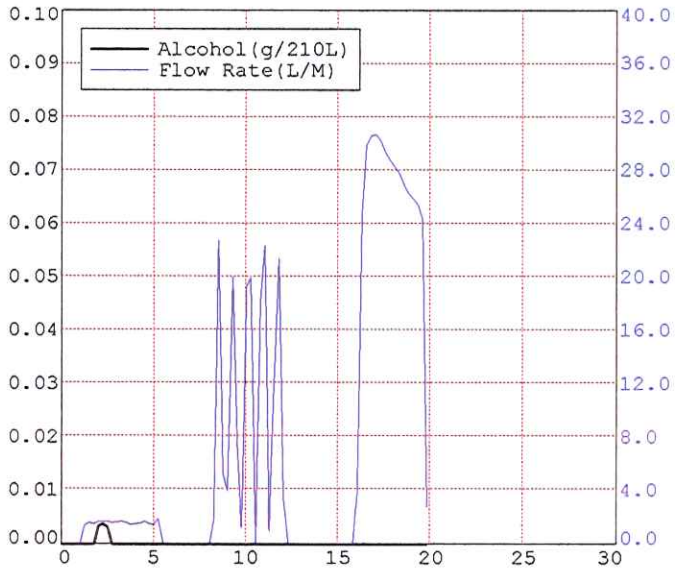
Concentration = 0.100 g/210L
Lot # = 15-25-100
Range = 0.095 - 0.105
Simulator Vapor = 0.095 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Failed
blip in alcohol graph RCD 8/2/16



Performed by RCD Date 08/02/2016

Reviewed by _____ Date _____