ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 03/05/2014
APM Date: 02/02/2016
Performed by: ROBERT DRISCOLL

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube    = 47.8°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage   = 80 V
Chopper Freq   = 537 Hz

PUMP INFO
Flow Rate = 5.335 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.2919    0.2945
MIN(V)   0.2896    0.2923

FILTER INFO
Filter 1   0.295  Zero = true
Filter 2   0.673  Zero = true
Filter 3   0.960  Zero = true

CALIBRATION CHECK
Xq  = 0.087  0.40%
```

APM PASSED

Simulator Vapor Test

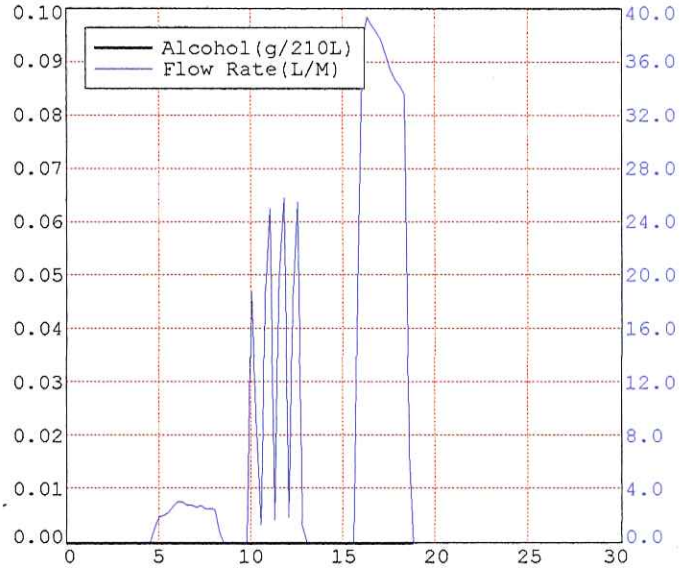
Concentration = 0.099 g/210L
Lot # = 15-09-100
Range = 0.094 - 0.104
Simulator Vapor = 0.096 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



NIST Thermometer S/N 111814362 33.9°C
RCD 2/2/16

Performed by RCD Date 02/02/2016

Reviewed by Date 2/4/16

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube    = 48.1°C
Digital Sim    = 34.1°C

SETTINGS
Lamp Voltage   = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage   = 80 V
Chopper Freq   = 537 Hz

PUMP INFO
Flow Rate = 5.303 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.2811    0.2833
MIN(V)   0.2787    0.2809

FILTER INFO
Filter 1   0.281  Zero = true
Filter 2   0.663  Zero = true
Filter 3   0.949  Zero = true

CALIBRATION CHECK
Xq  = 0.086  0.10%
```

Simulator Vapor Test

Concentration
Lot #
Range
Simulator Vapor

Simulator timed out. Reconnected simulator to tower and will try again.
RD 2/2/16

APM FAILED

Performed by RD Date 02/02/2016

Reviewed by _____ Date _____

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Certification Date: 01/04/2012
Installation Date: 03/05/2014
APM Date: 02/02/2016
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    = 48.1°C
Digital Sim    = 34.1°C

SETTINGS
Lamp Voltage   = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage   = 80 V
Chopper Freq   = 537 Hz

PUMP INFO
Flow Rate = 5.227 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.2831    0.2860
MIN(V)   0.2811    0.2841

FILTER INFO
Filter 1   0.287  Zero = true
Filter 2   0.666  Zero = true
Filter 3   0.950  Zero = true

CALIBRATION CHECK
Xq  = 0.086  0.10%
```

APM FAILED

Simulator Vapor Test

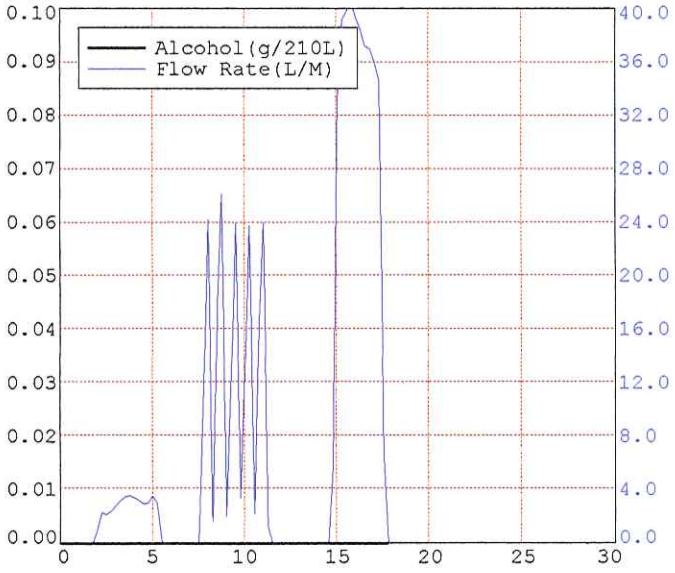
Concentration = 0.099 g/210L
Lot # = 15-09-100
Range = 0.094 - 0.104
Simulator Vapor = 0.096 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Failed
did pass, selected wrong answer RCD 2/2/16



Performed by RCD Date 02/02/2016

Reviewed by _____ Date _____

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