ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 104309
Location: Windsor PD
Calibration Date: 09/08/2011
Certification Date: 09/08/2011
Installation Date: 09/20/2011
APM Date: 08/08/2013
Performed by: ROBERT DRISCOLL

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

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

SETTINGS
Lamp Voltage   = 1.66 V
Cooler Voltage = 1.79 V
Bias Voltage   = 80 V
Chopper Freq   = 530 Hz

PUMP INFO
Flow Rate = 5.928 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.1760    0.1795
MIN(V)   0.1744    0.1783

FILTER INFO
Filter 1   0.179  Zero = true
Filter 2   0.459  Zero = true
Filter 3   0.215  Zero = true

CALIBRATION CHECK
Xq  = 0.085  0.83%
```

Simulator Vapor Test

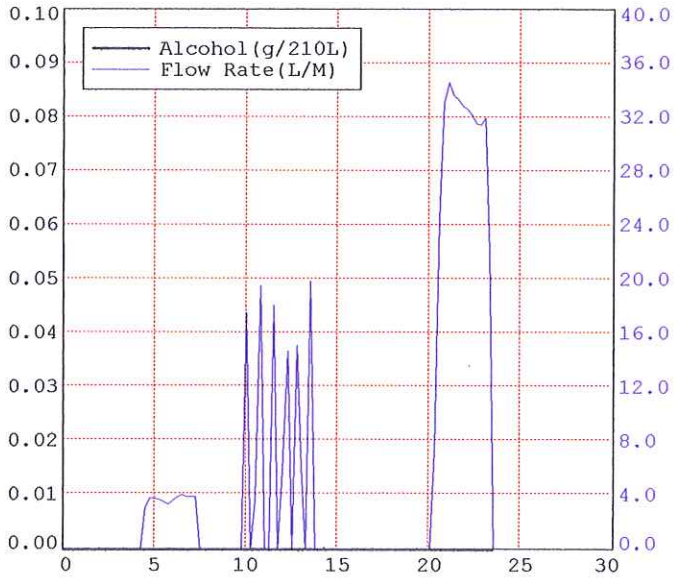
Concentration	= 0.097 g/210L
Lot #	= 12-89-100
Range	= 0.092 - 0.102
Simulator Vapor	= 0.098 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



APM PASSED

NIST Thermometer S/N 111814522
34.0°C
RCD 8/8/13

Performed by RCD **Date** 08/08/2013

Reviewed by **Date** 8/15/2013

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Performed by: ROBERT DRISCOLL

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.6°C
Breath Tube    = 48.1°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.67 V
Cooler Voltage = 1.80 V
Bias Voltage   = 80 V
Chopper Freq   = 532 Hz

PUMP INFO
Flow Rate = 5.883 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.1815    0.1835
MIN(V)   0.1801    0.1819

FILTER INFO
Filter 1   0.182   Zero = true
Filter 2   0.461   Zero = true
Filter 3   0.221   Zero = true

CALIBRATION CHECK
Xq  = 0.085  1.04%
```

APM FAILED

Simulator Vapor Test

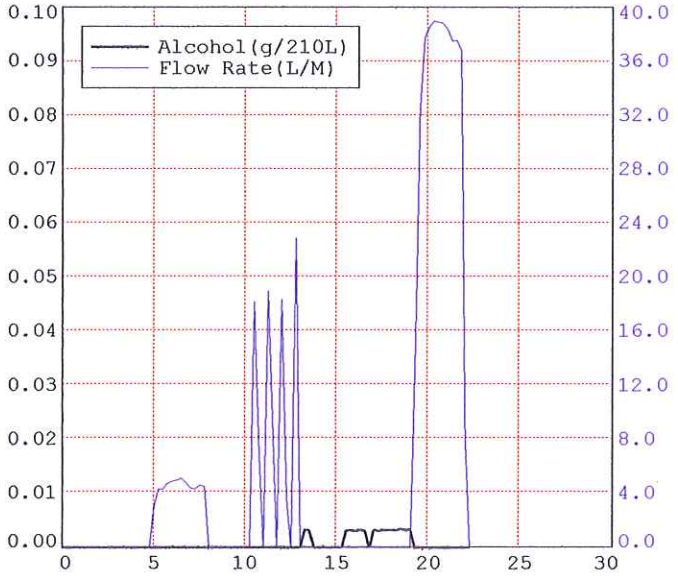
Concentration	= 0.097 g/210L
Lot #	= 12-89-100
Range	= 0.092 - 0.102
Simulator Vapor	= 0.098 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Failed
alcohol "blips" RCD 8/8/13 Checked "one way valve" operation and reran APM protocol. Ball may have been "stuck" in the check valve. No more "Blips".



Performed by RCD **Date** 08/08/2013

Reviewed by _____ **Date** _____