

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100145
Location: Brighton pd
Calibration Date: 08/30/2011
Certification Date: 08/30/2011
Installation Date: 09/09/2011
APM Date: 06/21/2013
Performed by: ROBERT DRISCOLL

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 45.6°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.52 V
Bias Voltage = 80 V
Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 5.718 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0224	-0.0177
MIN (V)	-0.0240	-0.0191

FILTER INFO

Filter 1	-0.018	Zero = true
Filter 2	0.575	Zero = true
Filter 3	1.466	Zero = true

CALIBRATION CHECK

Xq = 0.125 0.43%

APM PASSED

Simulator Vapor Test

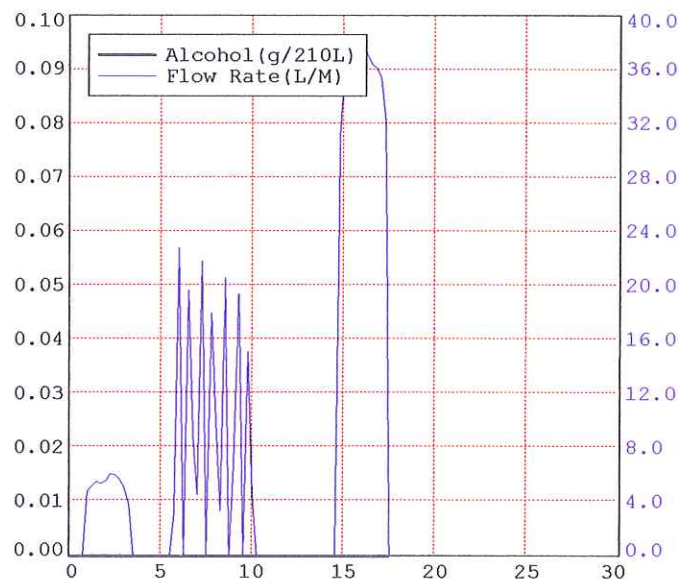
Concentration = 0.099 g/210L
Lot # = 13-04-100
Range = 0.094 - 0.104
Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



NIST Thermometer S/N 111814522 33.9°C RCD
6/21/13

Performed by

RCD

Date

06/21/2013

Reviewed by

[Signature]

Date

6/24/2013

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Diagnostic Results

VERSIONS

DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 46.5°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.53 V
Bias Voltage = 80 V
Chopper Freq = 543 Hz

PUMP INFO

Flow Rate = 5.584 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0307	-0.0258
MIN (V)	-0.0335	-0.0276

FILTER INFO

Filter 1	-0.027	Zero = true
Filter 2	0.566	Zero = true
Filter 3	1.454	Zero = true

CALIBRATION CHECK

Xq = 0.124 0.07%

Simulator Vapor Test

Concentration	= 0.101 g/210L
Lot #	= 12-87-100
Range	= 0.096 - 0.106
Simulator Vapor	= 0.095 g/210L
Simulator out of range	

APM FAILED

Sim. solution out of range. Completed RPC protocol and will
rerun APM. RCD 6/21/13

Performed by

RD

Date

06/21/2013

Reviewed by

Date