

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100158
Location: NORTHFIELD PD
Calibration Date: 03/15/2017
Certification Date: 03/15/2017
Installation Date: 03/16/2017
APM Date: 10/20/2017
Performed by: ROBERT DRISCOLL

Diagnostic Results

VERSIONS
DMT: 2.03
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 44.6°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.78 V
Cooler Voltage = 1.81 V
Bias Voltage = 80 V
Chopper Freq = 535 Hz

PUMP INFO

Flow Rate = 5.102 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.4260	0.4289
MIN(V)	0.4230	0.4260

FILTER INFO

Filter 1	0.425	Zero = true
Filter 2	0.703	Zero = true
Filter 3	1.620	Zero = true

CALIBRATION CHECK

Xq = 0.089 1.34%

Simulator Vapor Test

Concentration
Lot #
Range
Simulator Vapor

APM FAILED

Blank error during sim. vapor test.
RD
10/20/17

Performed by

RD

Date

10/20/2017

Reviewed by

Date

Simulator Temperature Check

Simulator Serial Number: MP3455

DMT Serial Number / Simulator Location: 100158 / Northfield PD

NIST Traceable Thermometer Serial Number: 160294076

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.03	34.00	0.03	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: [Signature]

Date: 10/20/17

Reviewed by: [Signature]

Date: 11/1/17