



Vermont Department of Health Laboratory

195 Colchester Avenue, P.O. Box 1125, Burlington VT 05402-1125
DataMaster Technical Services (ph) 802-863-7641; (fax) 802-863-7632

DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Brandon PD _____ DataMaster Serial #: 100158 _____

Date: 9 /26 /2011 _____ Requestor: Whitehead _____

Instrument Supervisor: _____ Phone #: _____

Taken By: Harnois _____

Problem: Keeps going out of range _____

Laboratory Response: Will be down soon. _____

Work Performed: _____

10/07/2011 Arrived to find that the simulator temperature was within specification as read by NIST thermometer and witnessed by an officer at Brandon PD. I found that the simulator was leaking, upon more investigation found that the main cause of the leak was a loose simulator jar, I replaced the O-ring and tightened the simulator jar, this fixed the leak. The simulator vapor was depleted.

Upon a conversation with the Chief, he indicated that they were going to be moving their office soon, and wanted to know the best way to go about removing the instrument and placing the instrument back into the new office. I suggested that I take the instrument now, and we replace the instrument once they are settled in there new location. The Chief agreed so the instrument was removed and returned to the VDH Lab. SH

Upon Return to the lab, the instrument is going to be sent to NPAS for software update.

Sent to NPAS 10/12/2011.

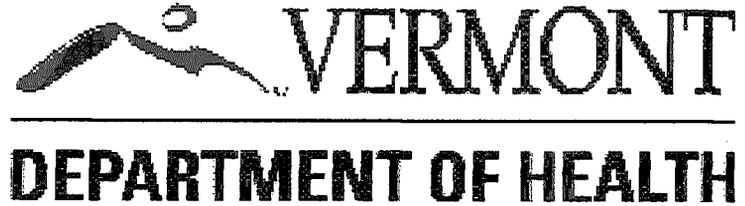
On Site In-house Attachments: 3 pages

Performed By: Steven Harnois *SH 10/24/11* Date: 10/19/2011

Final Review: Kirk L. Kimball *KLK 10/24/11* Date: 10/24/2011 *SH 10/24/11*

DIAGNOSTIC RESULT

DataMaster DMT: 100158
Location: BRANDON PD
Calibration Date: 04/08/2011
Certification Date: 04/08/2011
Installation Date: 04/12/2011
Test Date: 10/07/2011
Time: 13:45



VERSIONS

DMT 1.05
PIC 2.05
Modem 1.06
Questions 1.00
Reports 1.02

TEMPERATURES

Sample Chamber = 48.68°C
Breath Tube = 44.38°C
Digital Sim = 33.8°C

SETTINGS

Lamp Voltage = 1.79 V
Cooler Voltage = 1.71 V
Bias Voltage = 80.1 V
Chopper Freq = 564.3 Hz

PUMP INFO

Flow Rate = 5.034 L/M

DETECTOR INFO

PUMP ON OFF
MAX(V) -0.0327 -0.0289
MIN(V) -0.0356 -0.0311

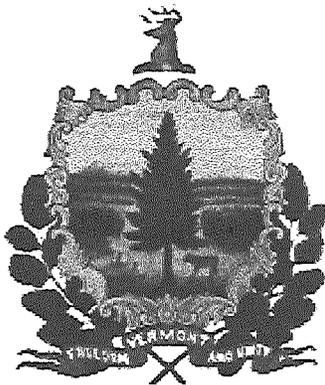
FILTER INFO

Filter 1 -0.030 ✓ Zero = true
Filter 2 0.267 Zero = true
Filter 3 1.282 Zero = true

CALIBRATION CHECK

Xq = 0.0951 1.27%

10/24/11 



Check-In Confirmation Test

STATE OF VERMONT

DataMaster DMT: 100158
BRANDON PD
Certification Date: 04/08/2011
Installation Date: 04/12/2011

Date: 10/07/2011
Time: 14:07:46

Subject Name: TEST TEST
Date of Birth: 10/07/2011 Age: 0
Guardian Present: N
Gender: M
License #: 0000 VT

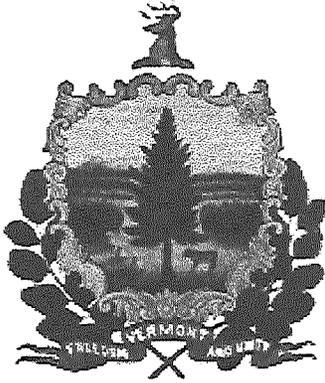
Test Operator Name: STEVEN E HARNOIS
Agency: VDHL

BLANK TEST 0.000 14:08
CALIBRATION CHECK PASSED 14:08
SIMULATOR VAPOR 0.094 ✓ 14:09

STANDARD OUT OF RANGE

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.100 ✓
Sim. Vapor Range 0.095 - 0.105
Simulator Temp 33.8°C

10/24/11 (D)



Check-In Confirmation Test

STATE OF VERMONT

DataMaster DMT: 100158
BRANDON PD
Certification Date: 04/08/2011
Installation Date: 04/12/2011

Date: 10/07/2011
Time: 13:48:03

Subject Name: TEST TEST
Date of Birth: 10/07/2011 Age: 0
Guardian Present: N
Gender: M
License #: 0000 VT

Test Operator Name: STEVEN E HARNOIS
Agency: VDHL

BLANK TEST 0.000 13:48
CALIBRATION CHECK PASSED 13:49
SIMULATOR VAPOR 0.094 - 13:49

STANDARD OUT OF RANGE

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.100
Sim. Vapor Range 0.095 - 0.105
Simulator Temp 33.9°C

10/29/11 (D)