



**Vermont Department of Health**  
**Division of Health Surveillance**  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

*Agency of Human Services*

**COUNTY: Addison**

Page 1 of 1

July 14, 2011

Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during June 2011.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

Routine Performance Check Report, 06/09/11

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during June 2011

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

Routine Performance Check Report with 1 page attachment, 06/21/11

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during June 2011



RECEIVED

JUN 23 2011

Vermont Department of Health Laboratory

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100141
Location: VERGENNES PD
Calibration Date: 04/27/2010
Certification Date: 04/27/2010
Installation Date: 04/29/2010
RPC Date: 06/20/2011
Supervisor Name: BRENT H NEWTON



Diagnostic Results

VERSIONS
DMT 1.04
PIC 2.05
Modem 1.06
Questions 1.00
Reports 1.02

TEMPERATURES
Sample Chamber = 48.68°C
Breath Tube = 48.10°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.81 V
Cooler Voltage = 1.72 V
Bias Voltage = 80.3 V
Chopper Freq = 546.3 Hz

PUMP INFO
Flow Rate = 5.816 L/M

DETECTOR INFO
PUMP ON OFF
MAX(V) 0.0248 0.0258
MIN(V) 0.0228 0.0242

FILTER INFO
Filter 1 0.024 Zero = true
Filter 2 0.313 Zero = true
Filter 3 0.647 Zero = true

CALIBRATION CHECK
Xq = 0.0796 3.88%

Routine Performance Check Passed

Accuracy and Precision Check

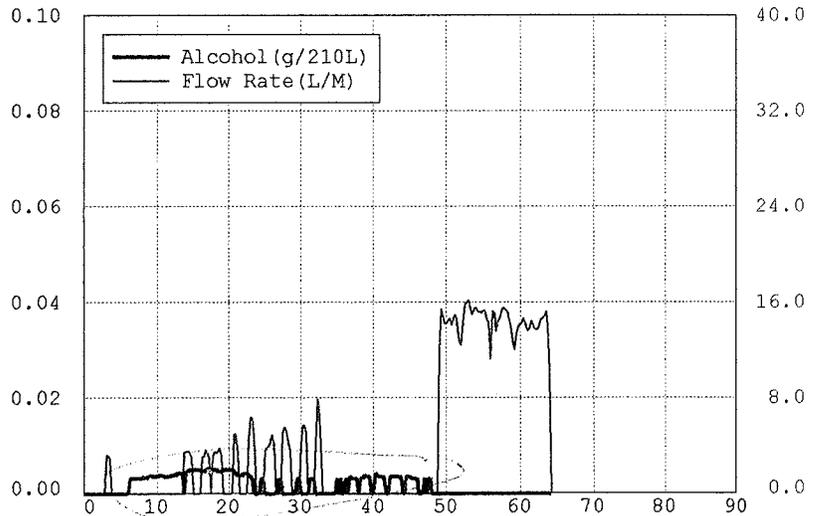
Concentration = 0.100 g/210L
Lot # = 11-24-100
Average = 0.105 g/210L
Std Dev = 0.000

RFI Interference Test

RFI detected

Sample Acceptance Test

Passed



Called and Left Message to call Lab - 6/23/11
Call back asked DMSuper to do A & P ALC Check - interest

Performed by [Signature]

Date 06/21/2011

Reviewed by Steven Harnois

Date 7/1/11

For Sample Acceptance
1 page attached

Reviewed ROK 6-28-11

ALB 6/30/11

RECEIVED

JUN 27 2011

Vermont Department of Health Laboratory



Check-In Confirmation Test

STATE OF VERMONT

DataMaster DMT: 100141  
VERGENNES PD  
Certification Date: 04/27/2010  
Installation Date: 04/29/2010

Date: 06/23/2011  
Time: 13:24:58

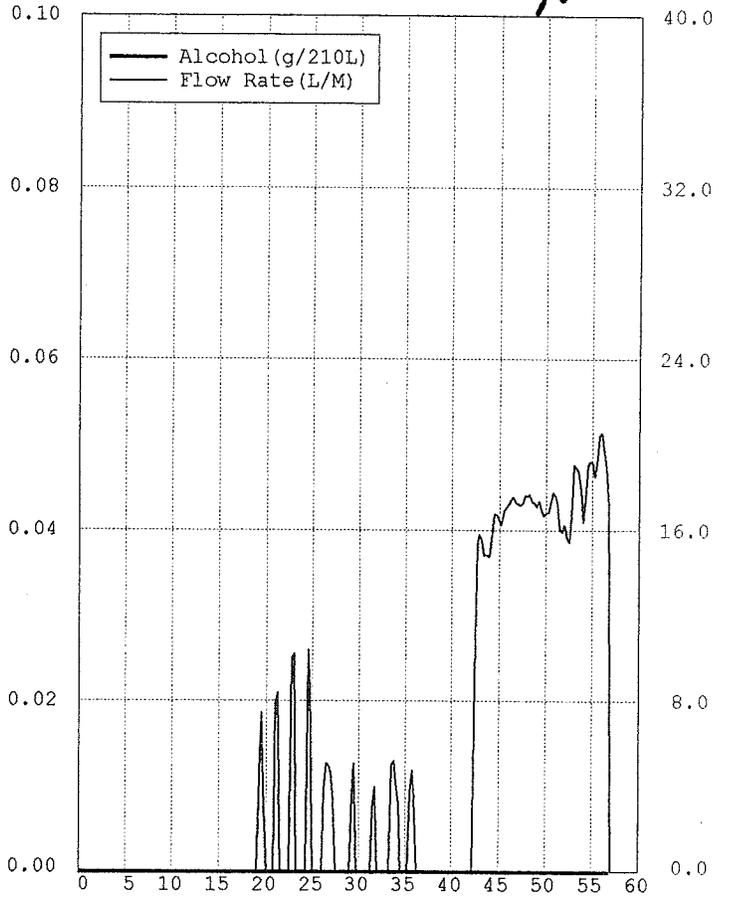
Subject Name: TEST T TEST  
Date of Birth: 01/01/1900 Age: 111  
Gender: M  
License #: TEST VT

Test Operator Name: BRENT H NEWTON  
Agency: VERGENNES PD

BLANK TEST	0.000	13:25
CALIBRATION CHECK	PASSED	13:25
SIMULATOR VAPOR	0.104	13:26
BLANK TEST	0.000	13:27
SUBJECT SAMPLE (Vol=4.1L)	0.000	13:28

All alcohol values reported in g/210L  
Sim. Vapor Concentration 0.100  
Sim. Vapor Range 0.095 - 0.105  
Simulator Temp 34.0°C

6/28/11



No Apparent  
ETOH SW  
6/28/11

Revised  
APM  
6-25-11

*[Signature]*  
7/14/11



**Vermont Department of Health**  
**Division of Health Surveillance**  
 Public Health Laboratory  
 195 Colchester Avenue - P.O. Box 1125  
 Burlington, VT 05402-1125

[phone] 802-863-7335  
 [fax] 802-863-7632  
 [or] 800-660-9997

*Agency of Human Services*

RECEIVED

COUNTY: Addison

Page 1 of 1

JUN 15 2011

Addison State's Attorney

June 10, 2011

Dear colleague:

There were no updates or technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during May 2011.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
 Laboratory Director

DataMaster DMT Instrument:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during May 2011

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during May 2011

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during May 2011

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during May 2011





**Vermont Department of Health**  
**Division of Health Surveillance**  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

*Agency of Human Services*

RECEIVED

MAY 17 2011

**COUNTY: Addison**

Page 1 of 2

Addison State's Attorney

May 13, 2011

Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during April 2011.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during April 2011

**Datamaster DMT S.N. 100135 (New Haven VSP)**

Routine Performance Check Report, 4/05/11 {16:31}; Routine Performance Check Report, 4/05/11 {14:37}; Routine Performance Check Report, 2/25/11 {11:06}  
DataMaster Technical Support Inquiry, 04/06/11; Routine Performance Check, 04/05/11 {16:31}; Routine Performance Check Report, 4/05/11 {14:37}

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during April 2011



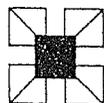
**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during April 2011

**Other**

Letter to Kirk Kimball, VDH Laboratory, dated April 28, 2011, from J. Scott Marhefka, National Patent Analytical Systems, Inc. regarding proper setting for the "Simulator Tolerance Check" for the DMT and its associated software for the Vermont Program.





**National Patent  
Analytical Systems, Inc.**

April 28, 2011

Vermont Department of Health  
Mr. Kirk Kimball  
108 Cherry Street  
Burlington, VT 05402

Mr. Kimball,

This letter is to review the proper setting for the "Simulator Tolerance Check" for the DMT and its associated software for the Vermont Program.

The software is configured in such a way that there are only two options that can be selected for the "Simulator Tolerance Check". The two choices are simply: Yes or No. The location of the screen within the software to make this selection is under the setup screen for the simulator, select the option for "Tolerance Check". A prompt will appear for either; "Yes" or "No". The proper selection is "Yes". Once this selection has been made, the simulator tolerance is checked during a Breath Test and a Check-In Test.

The software compares the target values to the wet bath simulator values. The software makes a comparison as follows:

If the Target is  $> 0.080$  then,

$$\text{Min} = \text{Target} - 0.005$$

$$\text{Max} = \text{Target} + 0.005$$

For all other Targets, the range is;

$$\text{Min} = \text{Target} - 0.004$$

$$\text{Max} = \text{Target} + 0.004$$

The result being if the Simulator Reading is less than the Minimum value or the Simulator Reading is greater than the Maximum value, the test stops and reports "Standard Out Of Range". If the values are within the limits, the test continues.

Additional technical points:

- A) The Simulator Reading is checked for interference no matter what. The interference check happens before the simulator tolerance check.
- B) The Simulator Tolerance Check setting is totally independent from checking the subject sample for interference.
- C) When the options are printed out there are two listings for the same option. The printout lists "Tolerance Check" and "Simulator Check". The software design is such that both the "tolerance check" and the "simulator check" point to the same option so they should always both be on or both off.

After your review of the information provided above, if you have any questions please feel free to contact us.

Sincerely,

J. Scott Marhefka  
Director of Engineering

P.O. Box 1435, 2090 Harrington Memorial Rd., Mansfield, Ohio 44901  
Phone: (419) 526-6727 Fax: (419) 526-9446

DMT -- 100141-000007



Vermont Department of Health  
Division of Health Surveillance  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

Agency of Human Services

RECEIVED

APR 8 2011

Addison State's Attorney  
**COUNTY: Addison**  
Page 1 of 1

April 6, 2011

Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during March 2011.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during March 2011

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during March 2011

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during March 2011

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

Routine Performance Check Report, 03/02/11





**Vermont Department of Health**  
**Division of Health Surveillance**  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

*Agency of Human Services*

RECEIVED

MAR 17 2011

Addison State's Attorney

March 15, 2011

Dear colleague:

In a review of our records, we realized that we inadvertently referred to the DataMaster updates for the last two months as January and February 2010 rather than 2011.

Attached are corrected cover letters for the January and February 2011 DataMaster updates. Please replace the cover letters previously sent to you that were dated February 10, 2011 and March 11, 2011. Any documents that were attached, including maintenance and repair records, certification records and installation records, were listed with the correct dates.

We apologize for any inconvenience this may cause your office.

If you have any questions, please feel free to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
Laboratory Director

Attachments



Vermont Department of Health  
Division of Health Surveillance  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

*Agency of Human Services*

**COUNTY: Addison**  
Page 1 of 1

March 11, 2011 {Corrected **March 15, 2011**}

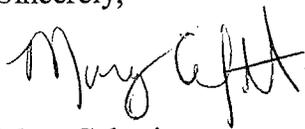
Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during February 2011.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**  
Routine Performance Check Report, 02/12/11

**Datamaster DMT S.N. 100135 (New Haven VSP)**  
Routine Performance Check Report, 02/25/11

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**  
Routine Performance Check Report, 02/07/11

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**  
No updates on technical information during February 2011

**Other**

Development Notification Advisory, dated February 9, 2011, from National Patent Analytical Systems, Inc. to all DMT Users



Vermont Department of Health  
Division of Health Surveillance  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

*Agency of Human Services*

**COUNTY: Addison**  
Page 1 of 1

February 10, 2011 {Corrected **March 15, 2011**}

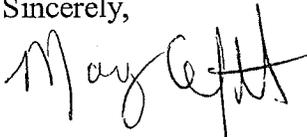
Dear colleague:

There were no updates or technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during January 2011.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

DataMaster DMT Instrument:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during January 2011

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during January 2011

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during January 2011

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during January 2011





**Vermont Department of Health**  
**Division of Health Surveillance**  
 Public Health Laboratory  
 195 Colchester Avenue - P.O. Box 1125  
 Burlington, VT 05402-1125

[phone] 802-863-7335  
 [fax] 802-863-7632  
 [or] 800-660-9997

*Agency of Human Services*

RECEIVED

MAR 14 2011

Addison State's Attorney  
**COUNTY: Addison**  
 Page 1 of 1

March 11, 2011

Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during February 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
 Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

Routine Performance Check Report, 02/12/11

**Datamaster DMT S.N. 100135 (New Haven VSP)**

Routine Performance Check Report, 02/25/11

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

Routine Performance Check Report, 02/07/11

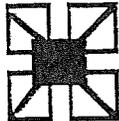
**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during February 2010

**Other**

Development Notification Advisory, dated February 9, 2011, from National Patent Analytical Systems, Inc. to all DMT Users





National Patent  
Analytical Systems, Inc.

Development Notification Advisory

February 9, 2011

To all DMT Users.

Purpose and Scope of this document: The purpose of this communication is to keep DMT users and prospective users abreast of our development work on the DMT Family of Alcohol Breath Analyzers. This document is intended to be advisory in nature only and any users or prospective users who would like to explore further the items noted may contact our development engineering department for more information.

A mandatory change that CSA wants us to implement is the addition of a protective covering for the incoming AC power conductors. This is necessary to maintain our CSA approval even though the instrument was originally approved by CSA without it. This will be implemented on all production DMTs.

The fuel cell analytical system option has entered the final stages of development as the first instruments are out of production and undergoing extensive testing and QC analysis. One area that has undergone modification is the power source to the fuel cell itself that is also a common source to other areas of the electronics. The sensitivity of the signal from the fuel cell has led us to revisit this with an eye toward further decreasing the potential for any noise in this circuit. It is being changed to capacitors of the same value that are more effective with respect to higher frequency noise filtration. This change is also in keeping with our ongoing conversion of this board to fully surface mount technology as the older capacitors are not conducive to this mounting style. Since this change is fully compatible with older instruments, and will be incorporated into all production boards, we are noting that it is one that users may wish to incorporate into older versions of the boards when instruments are down for either maintenance or recertification since the effects of additional noise filtration are beneficial, regardless.

Even though this modification is simple, fast and inexpensive, it does require surface mount equipment to resolder and realizing that our customers are typically not equipped with this technology, we will make converted boards available to all customers for all DMTs regardless of age at no cost. You only need to cycle all boards through us.

There are no accuracy or software implications concerning this change, and there are no implications regarding DOT approvals.

An internal printer has been added to the DMT and will be available in production versions later this year. It is the same printer that is used on the cdm.

John Fusco  
President

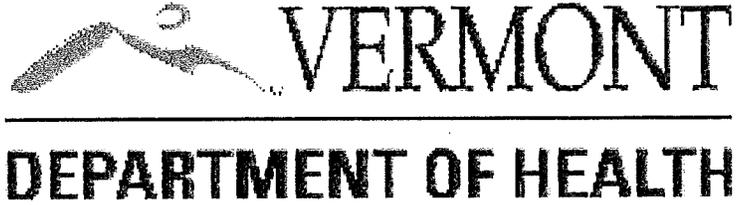
Po Box 1435, 2090 Harrington Memorial Road Mansfield, Ohio 44901  
Phone 1-419-526-6727 Fax 1-419-526-9446

RECEIVED

FEB 11 2011

ROUTINE PERFORMANCE CHECK REPORT

Vermont Department of Health Laboratory



DataMaster DMT: 100141
Location: VERGENNES PD
Calibration Date: 04/27/2010
Certification Date: 04/27/2010
Installation Date: 04/29/2010
RPC Date: 02/07/2011
Supervisor Name: BRENT H NEWTON

Diagnostic Results

VERSIONS
DMT 1.04
PIC 2.05
Modem 1.06
Questions 1.00
Reports 1.02

TEMPERATURES
Sample Chamber = 48.91°C
Breath Tube = 46.00°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.81 V
Cooler Voltage = 1.72 V
Bias Voltage = 80.2 V
Chopper Freq = 543.3 Hz

PUMP INFO
Flow Rate = 5.825 L/M

DETECTOR INFO
PUMP ON OFF
MAX(V) -0.0173 -0.0161
MIN(V) -0.0193 -0.0177

FILTER INFO
Filter 1 -0.017 Zero = true
Filter 2 0.270 Zero = true
Filter 3 0.624 Zero = true

CALIBRATION CHECK
Xq = 0.0809 2.31%

Routine Performance Check Passed

Accuracy and Precision Check

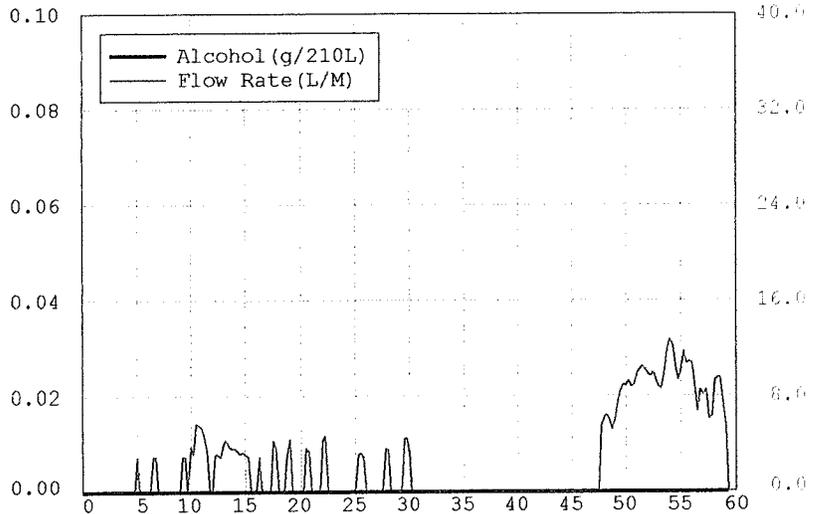
Concentration = 0.100 g/210L
Lot # = 11-24-100
Average = 0.104 g/210L
Std Dev = 0.000

RFI Interference Test

RFI detected

Sample Acceptance Test

Passed



Performed by [Signature] 1865

Date 02/07/2011

Reviewed by Steven Harmon

Date 2/14/11

**Vermont Department of Health**  
**Division of Health Surveillance**  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

FEB 14 2011  
Agency of Human Services

Addison State's Attorney

**COUNTY: Addison**

Page 1 of 1

February 10, 2011

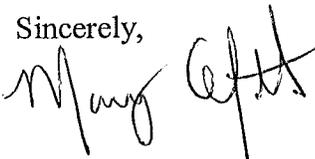
Dear colleague:

There were no updates or technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during January 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

DataMaster DMT Instrument:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during January 2010

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during January 2010

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during January 2010

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during January 2010





**Vermont Department of Health  
Division of Health Surveillance**  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[fax] 802-863-7632  
[or] 800-660-9997

*Agency of Human Services*

**COUNTY: Addison**  
Page 1 of 1

RECEIVED

JAN 18 2011

Addison State's Attorney

January 12, 2011

Dear colleague:

There were no updates or technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This would include documents created or received during December 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
Laboratory Director

DataMaster DMT Instrument:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during December 2010

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during December 2010

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during December 2010

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during December 2010



**ermont Department of Health**  
Division of Health Surveillance  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

*Agency of Human Services*

**COUNTY: Addison**  
Page 1 of 1

December 6, 2010

RECEIVED

DEC 10 2010

Addison State's Attorney

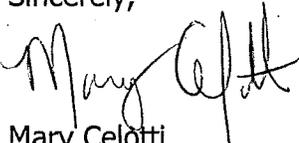
Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This packet includes documents created or received during November 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**  
Routine Performance Check Report, 11/03/10

**Datamaster DMT S.N. 100135 (New Haven VSP)**  
Routine Performance Check Report, 11/02/10

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**  
Routine Performance Check Report, 11/11/10

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**  
Routine Performance Check Report, 11/19/10



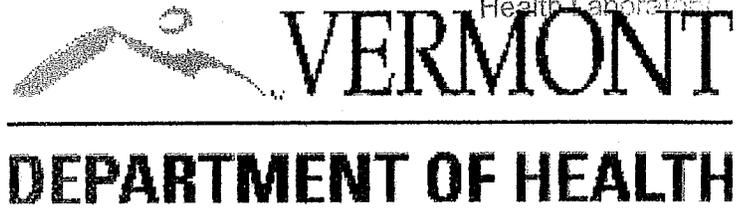
RECEIVED

NOV 15 2010

# ROUTINE PERFORMANCE CHECK REPORT

Vermont Department of Health Laboratory

DataMaster DMT: 100141  
 Location: VERGENNES PD  
 Calibration Date: 04/27/2010  
 Certification Date: 04/27/2010  
 Installation Date: 04/29/2010  
 RPC Date: 11/11/2010  
 Supervisor Name: BRENT H NEWTON



### Diagnostic Results

#### VERSIONS

DMT 1.04  
 PIC 2.05  
 Modem 1.06  
 Questions 1.00  
 Reports 1.02

#### TEMPERATURES

Sample Chamber = 48.86°C  
 Breath Tube = 48.10°C  
 Digital Sim = 33.9°C

#### SETTINGS

Lamp Voltage = 1.81 V  
 Cooler Voltage = 1.71 V  
 Bias Voltage = 80.2 V  
 Chopper Freq = 544.7 Hz

#### PUMP INFO

Flow Rate = 5.856 L/M

#### DETECTOR INFO

PUMP ON OFF  
 MAX(V) 0.0569 0.0589  
 MIN(V) 0.0551 0.0573

#### FILTER INFO

Filter 1 0.058 Zero = true  
 Filter 2 0.338 Zero = true  
 Filter 3 0.679 Zero = true

#### CALIBRATION CHECK

Xq = 0.0801 3.25%

**Routine Performance Check Passed**

### Accuracy and Precision Check

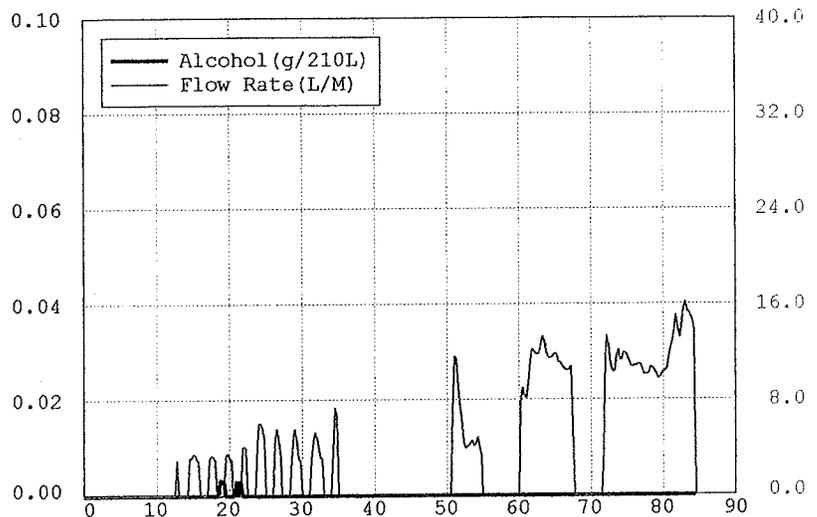
Concentration = 0.103 g/210L  
 Lot # = 10-17-100  
 Average = 0.103 g/210L  
 Std Dev = 0.000

### RFI Interference Test

RFI detected

### Sample Acceptance Test

Passed



Performed by [Signature]

Date 11/11/2010

Reviewed by [Signature]

Date 11/16/10

Vermont Department of Health  
Public Health Laboratory  
195 Colchester Avenue  
P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

Agency of Human Services

**COUNTY: Addison**  
Page 1 of 1

November 15, 2010

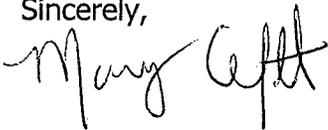
Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This packet includes documents created or received during October 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during October 2010

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during October 2010

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during October 2010

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during October 2010

**Other**

E-mail dated 10/25/10 from S. Harnois, VDH Public Health Electronics Technician, to all DataMaster Supervisors regarding Daylight Savings Time/Routine Performance Check



## Harnois, Steven

---

**From:** Bolduc, Amanda  
**Date:** Monday, October 25, 2010 1:19 PM  
**To:** Harnois, Steven  
**Subject:** RE: Daylight saving time Routine Performance check

Please print a copy of this and place it in the dm files. thanks

---

**From:** Harnois, Steven  
**Sent:** Monday, October 25, 2010 1:15 PM  
**Subject:** Daylight saving time Routine Performance check

To: All DataMaster Supervisors

As we approach the change to Daylight Saving Time, the Vermont Department of Health Lab (VDHL) Toxicology Program would like to take this opportunity to remind you to check the clock on the DataMaster at your site.

For sites with BAC DataMasters, you will have to manually change the time on the instrument.

For sites with DataMaster DMTs, you should not have to change the time on your instrument, but please be sure to check it for accuracy and contact us if Daylight Saving Time function does NOT change automatically.

The instructions for changing the time on the DataMaster(s) is located in the DataMaster Supervisor Manual appropriate for your type of instrument.

Please also note that the Routine Performance Check (RPC) for your DataMaster is due by October 31, 2010.

If you have had an installation after Sept 15th then you do not need to do an RPC at this time.

The sites that have NOT YET completed the RPC and sent the data to the Vermont Department of Health Lab, PLEASE complete your RPC as soon as you can and forward the data to the Vermont Department of Health Lab at the address below.

If you have any questions about the DataMaster(s) or need supplies, please contact us for assistance.

Thank you to the sites that have completed the RPC and already sent the data to the VDHL.

Stay Safe,

Steven

Steven Harnois  
State of Vermont  
Agency Of Human Services  
Department of Health  
Public Health Electronics Technician  
195 Colchester Avenue  
Burlington, Vermont 05401  
Phone (802) 863 7641  
Fax (802) 863 7632  
E Mail: NOTE NEW EMAIL Steven.Harnois@ahs.state.vt.us

**COPY**

**Vermont Department of Health  
Public Health Laboratory**  
195 Colchester Avenue  
P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

*Agency of Human Services*

**COUNTY: Addison**  
Page 1 of 1

October 12, 2010

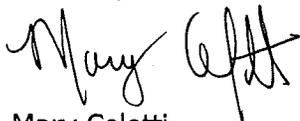
Dear colleague:

There were no updates or technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This packet includes documents created or received during September 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

DataMaster DMT Instrument:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during September 2010

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during September 2010

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during September 2010

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during September 2010



**Vermont Department of Health**  
Division of Health Surveillance  
Public Health Laboratory  
195 Colchester Avenue - P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

Agency of Human Services

Received  
JUL 21 2006  
Addison County State's Atty.

July 20, 2006

Ms. Marci Mends  
Addison County State's Attorney's Office  
211 Maple Street, Unit # 3  
The MarbleWorks  
Middlebury, Vermont 05753-1107

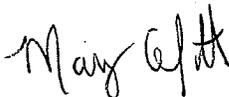
RE: DataMaster S/N: 881111

Dear Ms. Mends:

Enclosed is information you requested regarding DataMaster Instrument No. 881111. As to Request No. 1, this information is available for review at the DataMaster site of processing. As to Request No. 2, the DataMaster manufacturer date is 1988 and the month and day is unknown. As Request No. 3, the DataMaster installation date is 8/8/03. As to Request No. 4, the manufacturer of the DataMaster instrument is National Patent Analytical Systems, Inc., P.O. Box 1435, Mansfield, OH 44901, Phone (800) 800-8143. The Simulator manufacturer is Guth Laboratories, Inc., 590 North 67<sup>th</sup> Street, Harrisburg, PA 17111-4511, Phone (800) 233-2338. As to Request No's 5, 6, 7 and 8, please see the enclosed attachments.

If you have any further questions, please contact us.

Sincerely,



Mary Celotti  
Laboratory Director

Enc.



### DataMaster DMT Monthly Update Check-list

Department/Agency: Vergennes PD DM serial #: 100141

Date: 9/15/2010

	Provided		None this month
Operators Logbook	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Maintenance Logbook	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Breath Summary Report	<input checked="" type="checkbox"/>		<input type="checkbox"/>
Status Summary Report	<input checked="" type="checkbox"/>		<input type="checkbox"/>
Calibration Report	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Certification Report	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Installation Report	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Annual Preventative Maintenance	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Routine Performance Check	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Simulator Solution Change	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Other Reports	<input type="checkbox"/>		<input checked="" type="checkbox"/>

List other report type and date:

---

---

# Breath Record Summary

(04/29/2010-09/15/2010)

X = Interference, R = Refusal, V = Invalid, I = Incomplete

Test Date	Test Time	Agency	Operator Name	Alcohol Val. 1	Alcohol Val. 2	Sim. Conc. 1	Sim. Conc. 2	Status Message
04/30/2010	20:38	VERGENNES PD	BRENT H NEWTON	0.126		0.100		
05/02/2010	18:23	VERGENNES PD	BRENT H NEWTON	0.117		0.098		
06/25/2010	02:26	VERGENNES PD	JASON S OUELLETTE	0.118		0.096		
06/30/2010	00:59	VERGENNES PD	JASON S OUELLETTE	0.174		0.096		
07/04/2010	22:59	VERGENNES PD	BRENT H NEWTON			0.101		RESPONSE TIMEOUT
07/04/2010	23:07	VERGENNES PD	BRENT H NEWTON			0.101		RESPONSE TIMEOUT
07/04/2010	23:38	VERGENNES PD	BRENT H NEWTON	0.097		0.102		
07/06/2010	01:34	VERGENNES PD	NEIL F MOGERLEY	0.093		0.102		
07/09/2010	22:59	VERGENNES PD	BRENT H NEWTON	0.183		0.100		
07/17/2010	22:35	VERGENNES PD	BRENT H NEWTON	0.095		0.101		
07/24/2010	03:14	VERGENNES PD	BRENT H NEWTON	R		0.100		RESPONSE TIMEOUT
07/24/2010	03:19	VERGENNES PD	BRENT H NEWTON			0.099		
07/24/2010	03:39	VERGENNES PD	BRENT H NEWTON	0.083		0.100		
07/24/2010	04:09	VERGENNES PD	JASON S OUELLETTE	0.123		0.099		
07/31/2010	01:41	VERGENNES PD	NEIL F MOGERLEY	0.132		0.099		
08/11/2010	22:43	VERGENNES PD	JASON S OUELLETTE	0.117		0.099		
08/26/2010	02:29	VERGENNES PD	JASON S OUELLETTE			0.099		RESPONSE TIMEOUT
08/26/2010	02:37	VERGENNES PD	JASON S OUELLETTE	0.086	0.082	0.100	0.100	
09/05/2010	03:09	VERGENNES PD	WILLIAM H WAGER	0.134	0.138	0.098	0.098	



Vermont Department of Health  
Public Health Laboratory  
195 Colchester Avenue  
P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

Agency of Human Services

**COUNTY: Addison**  
Page 1 of 1

September 13, 2010

RECEIVED  
SEP 16 2010  
Addison State's Attorney

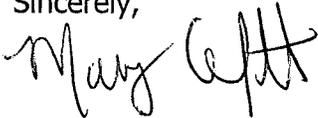
Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This packet includes documents created or received during August 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during August 2010

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during August 2010

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

Routine Performance Check Report, 06/30/10 {19:40}

Routine Performance Check Report, 06/30/10 {12:49}

Routine Performance Check Report, 06/30/10 {12:38}

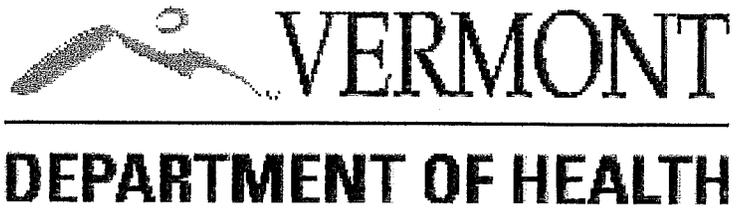
**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during August 2010



# ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100141  
Location: VERGENNES PD  
Calibration Date: 04/27/2010  
Certification Date: 04/27/2010  
Installation Date: 04/29/2010  
RPC Date: 06/30/2010  
Supervisor Name: BRENT H NEWTON



## Diagnostic Results

VERSIONS  
DMT 1.04  
PIC 2.05  
Modem 1.06  
Questions 1.00  
Reports 1.02

TEMPERATURES  
Sample Chamber = 49.03°C  
Breath Tube = 48.09°C  
Digital Sim = 33.8°C

SETTINGS  
Lamp Voltage = 1.81 V  
Cooler Voltage = 1.71 V  
Bias Voltage = 80.2 V  
Chopper Freq = 541.8 Hz

PUMP INFO  
Flow Rate = 5.767 L/M

DETECTOR INFO  
PUMP ON OFF  
MAX(V) -0.0258 -0.0244  
MIN(V) -0.0270 -0.0256

FILTER INFO  
Filter 1 -0.024 Zero = true  
Filter 2 0.258 Zero = true  
Filter 3 0.601 Zero = true

CALIBRATION CHECK  
Xq = 0.0816 1.47%

**Routine Performance Check Failed**

## Accuracy and Precision Check

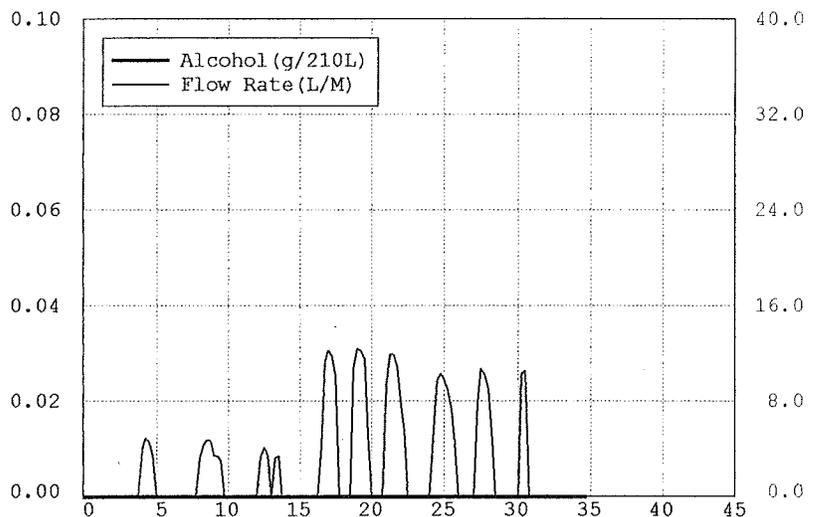
Concentration = 0.100 g/210L  
Lot # = 10-23-100  
Average = 0.096 g/210L  
Std Dev = 0.001

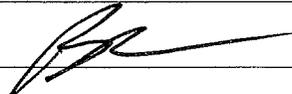
## RFI Interference Test

RFI detected

## Sample Acceptance Test

Failed



Performed by 

Date 06/30/2010

Reviewed by \_\_\_\_\_

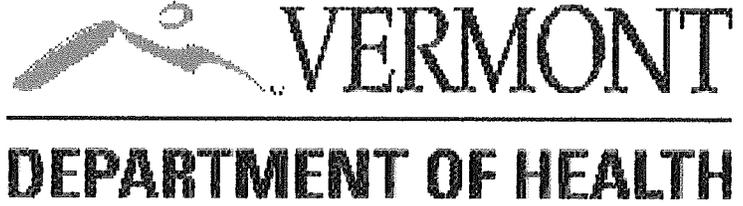
Date \_\_\_\_\_





# ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100141  
Location: VERGENNES PD  
Calibration Date: 04/27/2010  
Certification Date: 04/27/2010  
Installation Date: 04/29/2010  
RPC Date: 06/30/2010  
Supervisor Name: BRENT H NEWTON



## Diagnostic Results

VERSIONS  
DMT 1.04  
PIC 2.05  
Modem 1.06  
Questions 1.00  
Reports 1.02

TEMPERATURES  
Sample Chamber = 49.03°C  
Breath Tube = 48.09°C  
Digital Sim = 33.8°C

SETTINGS  
Lamp Voltage = 1.81 V  
Cooler Voltage = 1.71 V  
Bias Voltage = 80.2 V  
Chopper Freq = 541.8 Hz

PUMP INFO  
Flow Rate = 5.767 L/M

DETECTOR INFO  
PUMP ON OFF  
MAX(V) -0.0258 -0.0244  
MIN(V) -0.0270 -0.0256

FILTER INFO  
Filter 1 -0.024 Zero = true  
Filter 2 0.258 Zero = true  
Filter 3 0.601 Zero = true

CALIBRATION CHECK  
Xq = 0.0816 1.47%

**Routine Performance Check Failed**

## Accuracy and Precision Check

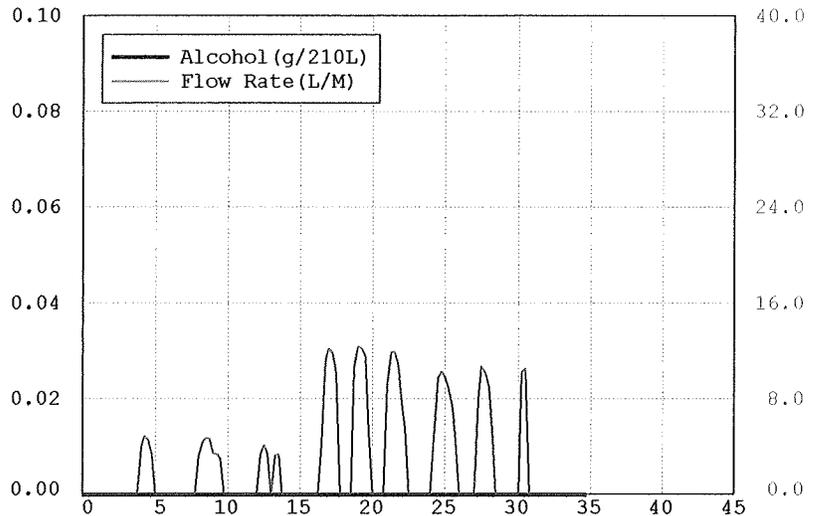
Concentration = 0.100 g/210L  
Lot # = 10-23-100  
Average = 0.096 g/210L  
Std Dev = 0.001

## RFI Interference Test

RFI detected

## Sample Acceptance Test

Failed



Performed by \_\_\_\_\_

Date 06/30/2010

Reviewed by \_\_\_\_\_

Date \_\_\_\_\_

**Vermont Department of Health  
Public Health Laboratory**  
195 Colchester Avenue  
P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

*Agency of Human Services*

**COUNTY: Addison**  
Page 1 of 1

August 17, 2010

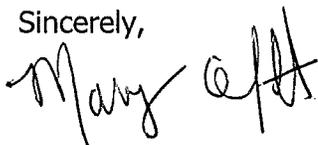
Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This packet includes documents created or received during July 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during July2010

**Datamaster DMT S.N. 100135 (New Haven VSP)**

Routine Performance Check Report, 06/27/10

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during July2010

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

Routine Performance Check Report, 06/30/10



# Fax

**City of Vergennes Police Department**  
P.O. Box 35 Vergennes, VT 05491  
Phone: (802)877-2201 Fax: (802)877-1155  
Voice Mail: (802)877-1153

# Cover

**To:** ACSA  
**From:** Officer B. Newton  
**Date:** 8/1/2010  
**Re:** July DMT Log



---

2 Pages including cover

# Breath Record Summary

X - Interference, R - Refusal, V - Invalid, I - Incomplete

(07/01/2010-08/01/2010)

Test Date	Test Time	Agency	Operator Name	Alcohol Val. 1	Alcohol Val. 2	Sim. Conc. 1	Sim. Conc. 2	Status Message
07/04/2010	22:59	VERGENNES PD	BRENT H NEWTON			0.101		RESPONSE TIMEOUT
07/04/2010	23:07	VERGENNES PD	BRENT H NEWTON			0.101		RESPONSE TIMEOUT
07/06/2010	23:38	VERGENNES PD	BRENT H NEWTON	0.097		0.102		RESPONSE TIMEOUT
07/06/2010	01:34	VERGENNES PD	NEIL F MOERLEY	0.093		0.102		
07/09/2010	22:59	VERGENNES PD	BRENT H NEWTON	0.183		0.100		
07/11/2010	22:35	VERGENNES PD	BRENT H NEWTON	0.095		0.101		
07/24/2010	03:14	VERGENNES PD	BRENT H NEWTON			0.100		RESPONSE TIMEOUT
07/24/2010	03:19	VERGENNES PD	BRENT H NEWTON			0.099		
07/24/2010	03:39	VERGENNES PD	BRENT H NEWTON			0.100		
07/24/2010	04:09	VERGENNES PD	JASON S OUBLETTE	0.123		0.099		
07/31/2010	01:41	VERGENNES PD	NEIL F MOERLEY	0.132		0.099		

DMT Serial Number #100141

Page 1 of 1

08/01/2010 20:30

Vermont Department of Health  
Public Health Laboratory  
195 Colchester Avenue  
P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

Agency of Human Services

**COUNTY: Addison**  
Page 1 of 1

July 14, 2010

RECEIVED

JUL 19 2010

Addison State's Attorney

Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This packet includes documents created or received during June 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

Routine Performance Check Report, 6/22/10

**Datamaster DMT S.N. 100135 (New Haven VSP)**

No updates on technical information during June 2010

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during June 2010

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during June 2010



# ~~ETC~~ DATAMASTER CHECK-UP and MAINTENANCE LOG

Vergennes PD  
Department/Agency

100141  
DataMaster Serial Number

DATE	TYPE OF SERVICE PERFORMED	PERFORMED BY
4/29/10	<p><b>DataMaster Simulator Solution</b>     910]</p> <p>Lot # 10-23-100     Conc: 0.100 Aq EtOH</p> <p>Range at Installation: 0.095-0.105</p> <p>Preparation Date: 02/02/2010</p> <p>Expires: 02/02/2011</p> <p style="font-size: 1.2em; margin-top: 10px;">installed DMT as part of cavity changeover</p>	<p style="font-size: 1.5em;">Dancy</p> <p style="font-size: 1.5em;">Kiche</p>
6-30-10	<p>[Place Simulator Solution Label Here]</p> <p><b>DataMaster Simulator Solution</b>     APC</p> <p>Lot # 09-40-100     Conc: 0.100 Aq EtOH</p> <p>Range at Installation: 0.095-0.105</p> <p>Preparation Date: 05/12/2009</p> <p>Expires: 05/12/2010</p> <p style="font-size: 1.2em; margin-top: 10px;">SULK BATH ERROR - NOT FOUND</p>	<p style="font-size: 1.5em;">CHECKED FOR PROBLEM WITH</p> <p style="font-size: 1.5em;">APC</p> <p style="font-size: 1.5em;">APC</p>
	[Place Simulator Solution Label Here]	
	[Place Simulator Solution Label Here]	
	[Place Simulator Solution Label Here]	
	[Place Simulator Solution Label Here]	

**Vermont Department of Health  
Public Health Laboratory**  
195 Colchester Avenue  
P.O. Box 1125  
Burlington, VT 05402-1125

[phone] 802-863-7335  
[or] 800-660-9997  
[fax] 802-863-7632

*Agency of Human Services*

**COUNTY: Addison**  
Page 1 of 1

June 9, 2010

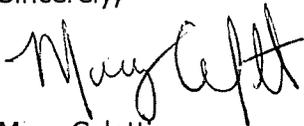
Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster DMT instruments in your county. This documentation would include maintenance and repair records, certification records, and installation records. This packet includes documents created or received during May 2010.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,



Mary Celotti  
Laboratory Director

Enclosures:

**Datamaster DMT S.N. 100137 (Middlebury Police Dept)**

No updates on technical information during May 2010

**Datamaster DMT S.N. 100135 (New Haven VSP)**

DataMaster Technical Support Inquiry, 5/3/10

Check-In Confirmation Test, 5/3/10

Diagnostic Result, 5/3/10 {11:53}

Diagnostic Result, 5/3/10 {12:53}

**Datamaster DMT S.N. 100141 (Vergennes Police Dept)**

No updates on technical information during May 2010

**Datamaster DMT S.N. 100134 (Bristol Police Dept)**

No updates on technical information during May 2010





Vermont Department of Health  
 Public Health Laboratory  
 195 Colchester Avenue  
 P.O. Box 1125  
 Burlington, VT 05402-1125

[phone] 802-863-7335  
 [or] 800-660-9997  
 [fax] 802-863-7632

Agency of Human Services

**COUNTY: Addison**

Page 1 of 2

May 11, 2010

Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the active DataMaster instruments in your county. This documentation would include maintenance and repair records, certification records, installation records and includes documentation of removal of BAC DataMaster instruments on April 28<sup>th</sup> and 29<sup>th</sup>, 2010. This packet includes documents created or received during April 2010. In addition, please find all calibration, certification and installation reports for the DataMaster DMT instruments that are now installed in your county.

If you have questions or suggestions regarding this process, please don't hesitate to contact me at (802) 863-7570.

Thank you.

Sincerely,

Mary Celotti  
 Laboratory Director

Enclosures:

**Datamaster S.N. 950160**  
 DataMaster Technical Support Inquiry, 4/28/10

**Datamaster S.N. 950180**  
 DataMaster Technical Support Inquiry, 4/28/10

**Datamaster S.N. 950171**  
 DataMaster Technical Support Inquiry with Evidence Tickets, 4/8/10  
 Annual Site Visit Preventive Maintenance Check List, 4/8/10  
 DataMaster Technical Support Inquiry, 4/29/10

**Datamaster S.N. 950174**  
 DataMaster Technical Support Inquiry, 4/29/10



**Datamaster DMT S.N. 100137 (replaces 950160 – Middlebury Police Dept)**

Installation Report, 4/28/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

**Datamaster DMT S.N. 100135 (replaces 950180 New Haven VSP)**

Installation Report, 4/28/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

**Datamaster DMT S.N. 100141 (replaces 950171 Vergennes Police Dept)**

Installation Report, 4/29/10  
Diagnostic Result, 4/29/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

**Datamaster DMT S.N. 100134 (replaces 950174 Bristol Police Dept)**

Installation Report, 4/29/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

**COUNTY: Addison**

Page 2 of 2

**Datamaster DMT S.N. 100137 (replaces 950160 – Middlebury Police Dept)**

Installation Report, 4/28/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

**Datamaster DMT S.N. 100135 (replaces 950180 New Haven VSP)**

Installation Report, 4/28/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

**Datamaster DMT S.N. 100141 (replaces 950171 Vergennes Police Dept)**

Installation Report, 4/29/10  
Diagnostic Result, 4/29/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

**Datamaster DMT S.N. 100134 (replaces 950174 Bristol Police Dept)**

Installation Report, 4/29/10  
Calibration Report, 4/27/10  
Accuracy and Precision Test, 4/27/10  
Certification Report, 4/27/10

# INSTALLATION REPORT

DataMaster DMT: 100141  
Location: VERGENNES PD  
Calibration Date: 04/27/2010  
Certification Date: 04/27/2010  
Installation Date: 04/29/2010  
Installed By: DARCY M RICHARDSON



Site meets specification in doc P-ALC-210

## Diagnostic Results

VERSIONS  
DMT 1.04  
PIC 2.05  
Modem 1.06  
Questions 1.00  
Reports 1.02

TEMPERATURES  
Sample Chamber = 48.68°C  
Breath Tube = 48.10°C

SETTINGS  
Lamp Voltage = 1.81 V  
Cooler Voltage = 1.72 V  
Bias Voltage = 80.2 V  
Chopper Freq = 531.9 Hz

PUMP INFO  
Flow Rate = 5.661 L/M

DETECTOR INFO  
PUMP ON OFF  
MAX(V) 0.0337 0.0356  
MIN(V) 0.0323 0.0343

FILTER INFO  
Filter 1 0.035 Zero = true  
Filter 2 0.306 Zero = true  
Filter 3 0.625 Zero = true

CALIBRATION CHECK  
Xq = 0.0822 0.73%

**INSTALLATION PASSED**

## Accuracy and Precision Check

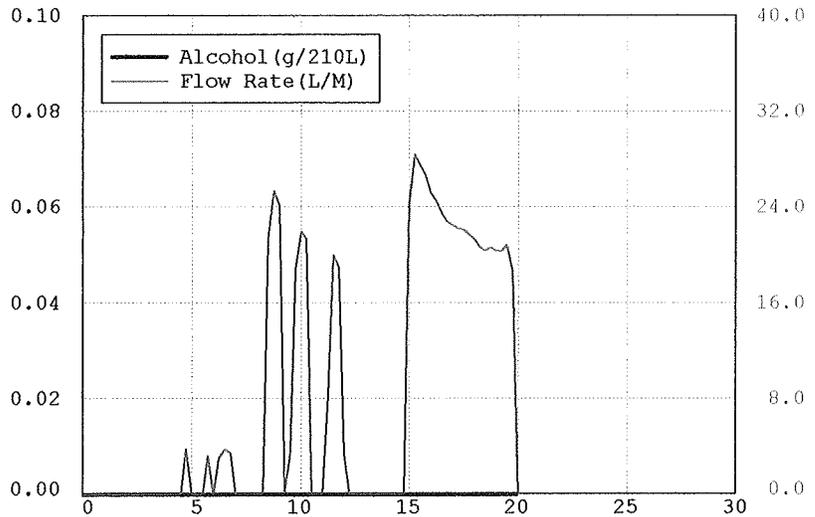
Concentration = 0.100 g/210L  
Lot # = 10-23-100  
Average = 0.100 g/210L  
Std Dev = 0.000

## RFI Interference Test

RFI detected

## Sample Acceptance Test

Passed



Performed by Darcy M Richardson

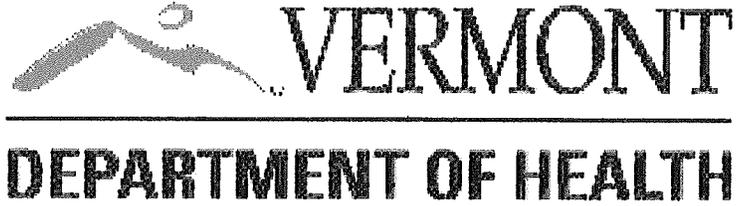
Date 04/29/2010

Reviewed by \_\_\_\_\_

Date \_\_\_\_\_

# DIAGNOSTIC RESULT

DataMaster DMT: 100141  
Location: VERGENNES PD  
Calibration Date: 04/27/2010  
Certification Date: 04/27/2010  
Installation Date: 04/29/2010  
Test Date: 04/29/2010  
Time: 12:18



## VERSIONS

DMT 1.04  
PIC 2.05  
Modem 1.06  
Questions 1.00  
Reports 1.02

## TEMPERATURES

Sample Chamber = 48.68°C  
Breath Tube = 47.56°C  
Digital Sim = 33.9°C

## SETTINGS

Lamp Voltage = 1.81 V  
Cooler Voltage = 1.72 V  
Bias Voltage = 80.2 V  
Chopper Freq = 533.5 Hz

## PUMP INFO

Flow Rate = 5.582 L/M

## DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0547	0.0567
MIN(V)	0.0530	0.0555

## FILTER INFO

Filter 1	0.055	Zero = true
Filter 2	0.326	Zero = true
Filter 3	0.657	Zero = true

## CALIBRATION CHECK

Xq = 0.0827 0.10%

# CALIBRATION REPORT

DataMaster DMT: 100141  
Calibration Date: 04/27/2010  
Calibrated by: AMANDA BOLDUC  
Lot: 10-22-100



Ca	=	0.101000		
CAL	=	0.996236	0.800	<= CAL < 1.200
b1	=	0.000000	0.000	<= b1 < 0.004
b2	=	0.003930	0.001	<= b2 < 0.012
b3	=	0.000000	0.000	<= b3 < 0.004
Xq	=	0.082848	0.050	<= Xq < 0.200
a21	=	1.191182	1.050	<= a21 < 1.300
a31	=	0.438448	0.300	<= a31 < 0.800

Performed by *Amanda Bolduc*

Date 04/27/2010



ACCURACY AND PRECISION TEST

STATE OF VERMONT

DataMaster DMT: 100141

Date: 04/27/2010

Time: 14:05:27

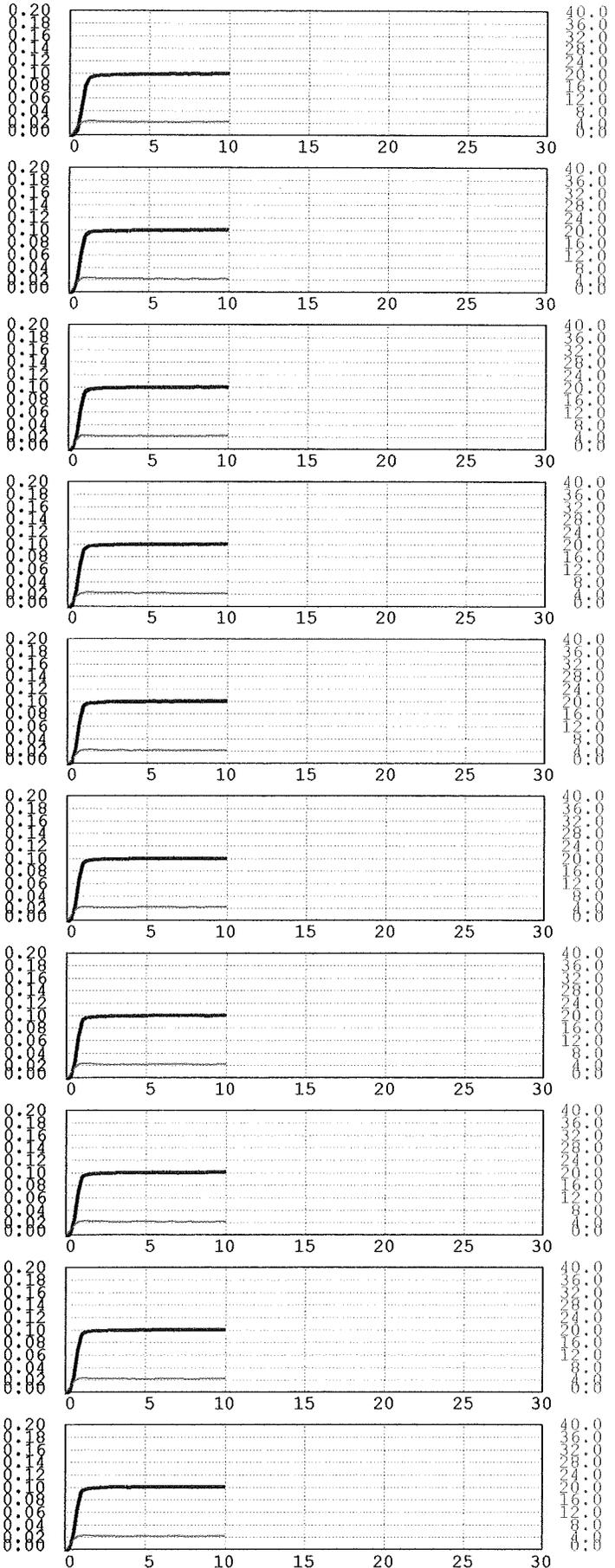
SUPERVISOR NAME: ALB CAL CHECK

SOLUTION LOT #: 10-23-100

SOLUTION CONCENTRATION: 0.100

BLANK TEST	0.000	14:06
CALIBRATION CHECK	PASSED	14:06
SIMULATOR VAPOR	0.099	14:06
SIMULATOR VAPOR	0.100	14:07
SIMULATOR VAPOR	0.100	14:08
SIMULATOR VAPOR	0.099	14:09
SIMULATOR VAPOR	0.100	14:10
SIMULATOR VAPOR	0.100	14:11
SIMULATOR VAPOR	0.100	14:12
SIMULATOR VAPOR	0.101	14:13
SIMULATOR VAPOR	0.100	14:14
SIMULATOR VAPOR	0.100	14:15
BLANK TEST	0.000	14:16

Average = 0.099  
Std Dev = 0.0005



# CERTIFICATION REPORT

DataMaster DMT: 100141  
Calibration Date: 04/27/2010  
Certification Date: 04/27/2010  
Certified by: AMANDA BOLDUC



## Diagnostic Results

### VERSIONS

DMT 1.04  
PIC 2.05  
Modem 1.06  
Questions 1.00  
Reports 1.02

### TEMPERATURES

Sample Chamber = 48.97°C  
Breath Tube = 48.08°C

### SETTINGS

Lamp Voltage = 1.81 V  
Cooler Voltage = 1.72 V  
Bias Voltage = 80.2 V  
Chopper Freq = 539.3 Hz

### PUMP INFO

Flow Rate = 5.562 L/M

### DETECTOR INFO

PUMP ON OFF  
MAX(V) 0.0209 0.0211  
MIN(V) 0.0189 0.0197

### FILTER INFO

Filter 1 0.020 Zero = true  
Filter 2 0.293 Zero = true  
Filter 3 0.649 Zero = true

### CALIBRATION CHECK

Xq = 0.0827 0.10%

## Options

Printer: yes  
Number of Copies: 3  
Number of Supervisor Tests: 10  
Tolerance Check: yes  
Data Collection: yes  
Units: g/210L  
Simulator Check: yes  
Uses Wet Bath Simulator: yes  
Simulator Nominal: 0.101  
Digital Simulator: none  
Simulator Before: yes  
Simulator Between: yes  
Simulator After: no  
Number of Subject Tests: 2  
AskQuestions: yes  
Query Refusal: yes  
Alcohol Display: yes  
Show Two Digits: no  
Volume Display: yes  
Number of Calibration Tests: 1  
Calibrate with Wet Bath: yes  
Calibration Nominal: 0.100





