VERMONT

Vermont Department of Health
Division of Health Surveillance
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Agency of Human Services

COUNTY: Addison

December 16, 2011

Dear colleague:

Enclosed is a packet of information that includes all technical information regarding each of the 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 November 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, with 1 attachment, 10/20/11

Datamaster DMT S.N. 100135 (New Haven VSP)
Routine Performance Check Report, with 2 attachments, 10/31/11

Datamaster DMT S.N. 100141 (Vergennes Police Dept)
Calibration Report, 11/01/11; Accuracy and Precision Test, 11/01/11 {09:09}; Accuracy and Precision Test, 11/01/11 {09:21}
Certification Report, 11/01/11
Installation Report, 11/03/2011
DataMaster Technical Support Inquiry with 11 attachments, 11/02/11

Datamaster DMT S.N. 100134 (Bristol Police Dept)
Routine Performance Check Report, 11/07/11

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100135
Location: NEW HAVEN VSP
Calibration Date: 04/27/2010
Certification Date: 04/27/2010
Installation Date: 04/28/2010
RPC Date: 10/31/2011
Supervisor Name: STEPHANIE J TAYLOR

VERMONT
DEPARTMENT OF HEALTH

Diagnostic Results

VERSIONS
DMT 1.04
PIC 2.05
Modem 1.06
Questions 1.00
Reports 1.02

SH 11-3-11

TEMPERATURES
Sample Chamber = 49.03°C
Breath Tube = 45.41°C
Digital Sim = 34.0°C

SH 11-3-11

SETTINGS
Lamp Voltage = 1.83 V
Cooler Voltage = 1.71 V
Bias Voltage = 80.7 V
Chopper Freq = 552.8 Hz

SH 11-3-11

PUMP INFO
Flow Rate = 6.052 L/M

SH 11-3-11

DETECTOR INFO
PUMP ON OFF
MAX(V) 0.2179 0.2215
MIN(V) 0.2161 0.2203

SH 11-3-11

FILTER INFO
Filter 1 0.221 Zero = true
Filter 2 0.490 Zero = true
Filter 3 0.785 Zero = true

SH 11-3-11

CALIBRATION CHECK
Xq = 0.0863 1.39%

SH 11-3-11

Routine Performance Check Passed

Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 11-40-100
Average = 0.100 g/210L
Std Dev = 0.001

SH 11-3-11

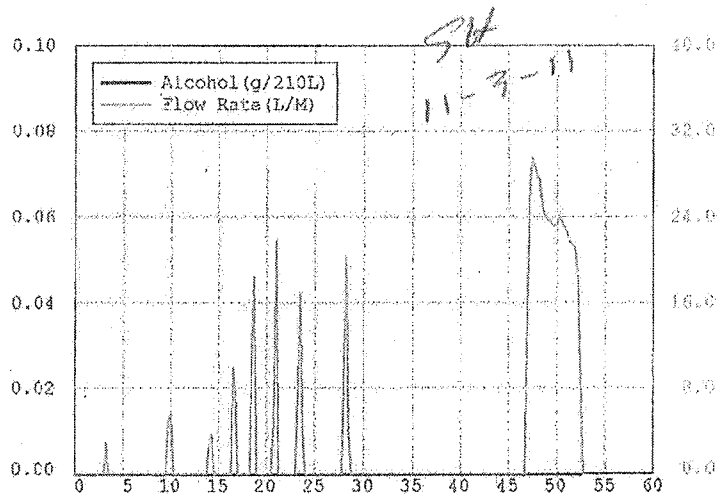
RFI Interference Test

RFI detected

SH 11-3-11

Sample Acceptance Test

Passed



SH 11-3-11

2 pages attached

Performed by Stephanie Taylor Date 10/31/2011

Reviewed by Steven Harnois Date 11-3-11

Rev. 11-3-11

11/3/11

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100135
Location: NEW HAVEN VSP
Calibration Date: 04/27/2010
Certification Date: 04/27/2010
Installation Date: 04/28/2010
RPC Date: 10/31/2011
Supervisor Name: STEPHANIE J TAYLOR

VERMONT
DEPARTMENT OF HEALTH

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 = 46.44°C
Digital Sim = 34.0°C

SETTINGS
Lamp Voltage = 1.83 V
Cooler Voltage = 1.71 V
Bias Voltage = 80.8 V
Chopper Freq = 553.3 Hz

PUMP INFO
Flow Rate = 6.020 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2140	0.2183
MIN(V)	0.2124	0.2167

FILTER INFO
Filter 1 0.217 Zero = true
Filter 2 0.485 Zero = true
Filter 3 0.780 Zero = true

CALIBRATION CHECK
Xq = 0.0859 1.79%

Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 11-40-100
Average = 0.100 g/210L
Std Dev = 0.000

RFI Interference Test

RFI detected

Sample Acceptance Test

Failed

See fax cover sheet
SJT 11-3-11
[illegible] 11-3-11
[illegible] 11/3/11

Routine Performance Check Failed

Performed by x Stephanie Taylor Date 10/31/2011

Reviewed by _____ Date _____

STATE OF VERMONT

DIVISION OF STATE POLICE

Troop "C" New Haven Station
P.O. Box 83
New Haven, Vermont 05472
Phone (802) 388-4919
Fax (802) 453-7918

To: Steve Harris

From: Steph Taylor

Remarks: RPC went fine - except that the 1st time I hit the radio button twice... So, here's the first & the second.

✓ SH 11-3-11 11-3-11 11/3/11

Number of pages including cover sheet: 3