

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122206  
 Location: Franklin County SO Enosburgh  
 Calibration Date: 01/09/2012  
 Certification Date: 01/10/2012  
 Installation Date: 01/27/2012  
 RPC Date: 06/23/2014  
 Supervisor Name: JAY H SWEENEY

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.9°C  
 Breath Tube = 46.2°C  
 Digital Sim = 33.8°C

### SETTINGS

Lamp Voltage = 1.77 V  
 Cooler Voltage = 1.72 V  
 Bias Voltage = 80 V  
 Chopper Freq = 543 Hz

### PUMP INFO

Flow Rate = 4.712 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.4738	0.4774
MIN (V)	0.4709	0.4760

### FILTER INFO

Filter 1	0.476	Zero = true
Filter 2	1.078	Zero = true
Filter 3	1.840	Zero = true

### CALIBRATION CHECK

Xq = 0.102 0.528

Routine Performance Check Passed

## Accuracy and Precision Check

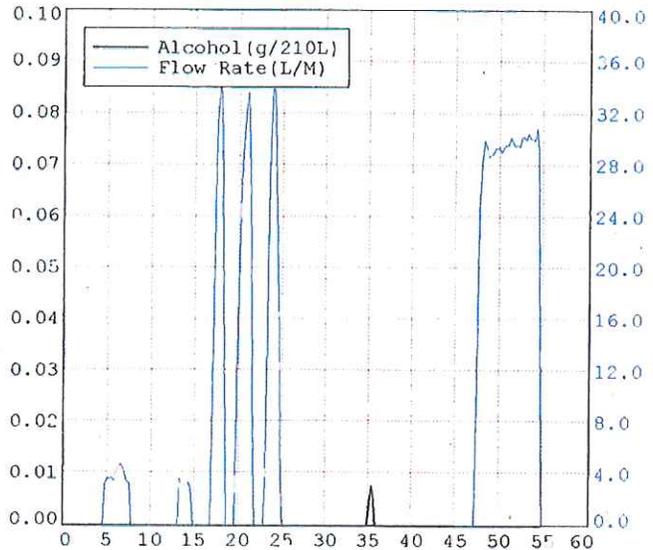
Concentration	= 0.099 g/210L
Lot #	= 14-04-100
Range	= 0.094 - 0.104
Average	= 0.099 g/210L
Std Dev	= 0.0010

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



*See attached check-in for passing sample acceptance RED 7/21/14*

Performed by Jay H Sweeney

Date 06/23/2014

Reviewed by [Signature]

Date 7/21/14

*[Signature]*  
7/21/2014

DMT Serial Number #122206

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06/23/2014 2:11 PM

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## Driscoll, Rob

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**From:** Sweeny, Jay  
**Sent:** Thursday, June 26, 2014 8:15 AM  
**To:** Driscoll, Rob  
**Subject:** RE: FCSO RPC's

The Enosburg blip was caused by me sucking hard and then releasing which caused a little release of air into the unit. It was operator error and not the Machine.

The Richford unit however I could suck back with little resistance. I changed mouthpieces and received the same result. May be a problem with the rubber flap.

Capt Jay H Sweeny  
Chief Deputy  
Franklin County Sheriffs Office  
P.O.Box 367  
St. Albans, VT 05478  
802 524-2121

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**From:** Driscoll, Rob  
**Sent:** Tuesday, June 24, 2014 7:40 AM  
**To:** Sweeny, Jay  
**Cc:** Conti, Trisha  
**Subject:** RE: FCSO RPC's

Jay,  
May 22, 2014

I noticed a "blip" in the alcohol line in both Richford and Enosburg's RPC. During the "suck back" test you need to **very gently** suck back on the mouth piece. There is a rubber flap built into the breath tube that we are checking the function of. If you suck too hard the instrument will give an error and can sometimes cause the alcohol line to "blip". Can you please perform a "check-in" on both instruments including all 4 breath types so that we have an accepted breath sample for each, as we cannot pass the current RPC's as is. If when you suck back gently you don't feel the air in the breath tube resist, we will have to look further into the issue. If you have any questions feel free to contact me.

Regards,  
Rob

Robert Driscoll  
Vermont Forensics Laboratory  
103 South Main Street  
Waterbury, VT 05671  
Electronics Technician  
[Rob.Driscoll@state.vt.us](mailto:Rob.Driscoll@state.vt.us)  
Desk: (802) 241-5817  
Cell: (802) 585-0123

**From:** Sweeny, Jay  
**Sent:** Monday, June 23, 2014 4:36 PM  
**To:** Driscoll, Rob  
**Subject:** FCSO RPC's

Richford had a suck back error. Changed mouthpieces and had same problem. May want to look at it.

Capt Jay H Sweeny  
Chief Deputy  
Franklin County Sheriffs Office  
P.O. Box 367  
St. Albans, VT 05478  
802 524-2121

Faded header text, possibly including recipient information.

Faded contact information, possibly a duplicate of the sender's details.

Faded text, possibly a signature or additional contact information.



CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMater DMT: 122206  
Location: Franklin County SO Enosburgh  
Certification Date: 01/10/2012  
Installation Date: 01/27/2012

Date: 07/15/2014  
Time: 11:59:34

SUBJECT NAME:  
JAMES R LYNCH  
DOB: 10/05/1972 AGE: 41  
GENDER: M  
LICENSE #: 51264525 VT

TEST OPERATOR NAME:  
JAMES R LYNCH  
AGENCY: FRANKLIN COUNTY SO

BLANK TEST	0.000	12:00
CALIBRATION CHECK	PASSED	12:00
SIMULATOR VAPOR 33.8°C	0.097	12:00
SUBJECT SAMPLE (Vol=3.9L)	0.000	12:02
BLANK TEST	0.000	12:03

All alcohol values reported in g/210L  
Sim. Vapor Concentration 0.099  
Sim. Vapor Range 0.094 - 0.104  
Lot #: 14-04-100

