



VERMONT FORENSIC LABORATORY

PO BOX 47
WATERBURY, VERMONT 05676-0047
TEL: 802-244-8788
FAX: 802-241-5557
<http://vfl.vermont.gov>

DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Vergennes PD DataMaster Serial #: 122106

Date: 5/11/2014 Requestor: Brent Newton

Instrument Supervisor: Brent Newton Phone #: (802) 877-1152

Taken By: Robert Driscoll

Problem: Simulator solution out of range.

Laboratory Response: DataMaster Technician to troubleshoot on site.

Work Performed: DMT supervisor attempted an RPC protocol to satisfy the simulator solution change. The RPC failed, so the instrument required a passing RPC. Technician replaced simulator solution and performed a passing RPC protocol. Reminded the DMT supervisor that RPCs are only required during the months of February, June and October.

On Site In-house Attachments: 4 pages

Performed By: R. Driscoll *RED* Date: 5/12/2014
Final Review: [Signature] Date: 5/27/2014

Page 1 of 5 RED

Driscoll, Rob

From: Newton, Brent
Sent: Sunday, May 11, 2014 6:01 PM
To: Driscoll, Rob
Cc: Merkel, George; O'Neill, Adam
Subject: DMT

Rob- we seem to be having some trouble with our DMT.

We had to recent failures in which the DMT said the solution was out of range.

We changed the fluid on 5/9 and did a RPC, but it failed again.

It is currently out of service.

Also we have been having trouble with the printer. We change the ink and within just a few tickets its out of ink again.
Do you have another brand printer we can try?

Brent Newton
Vergennes Police
120 Main Street
Vergennes, VT 05491
802-877-1152

Rob- we seem to be
Vergennes Police
120 Main Street
Vergennes, VT 05491
802-877-1152

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 03/05/2014
RPC Date: 05/09/2014
Supervisor Name: ADAM J ONEILL

Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.0°C
Digital Sim = 33.8°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.253 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2472	0.2492
MIN (V)	0.2457	0.2476

FILTER INFO

Filter 1	0.249	Zero = true
Filter 2	0.632	Zero = true
Filter 3	0.912	Zero = true

CALIBRATION CHECK

Xq = 0.088 2.53%

Accuracy and Precision Check

Concentration	=
Lot #	=
Range	=
Average	=
Std Dev	=

Routine Performance Check Failed

Performed by *Adam J O'Neill* Date 05/09/2014

Reviewed by _____ Date _____

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 03/05/2014
RPC Date: 05/11/2014
Supervisor Name: BRENT H NEWTON

Diagnostic Results

Routine Performance Check Failed

Performed by _____ Date 05/11/2014

Reviewed by _____ Date _____

