



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: Richmond PD DataMaster Serial #: 103909

Date: 8/21/2015 Requestor: Rick Greenough

Instrument Supervisor: Rick Greenough Phone #: (802)434-1008

Taken By: Robert Driscoll

Problem: DMT Supervisor states that the instrument was currently not in service due to being struck by a suspect in the holding cell and that the simulator paddle was not spinning.

Laboratory Response: Alcohol program staff advised the DMT Supervisor to unplug the simulator and that they would troubleshoot the instrument on site.

Work Performed: The DataMaster DMT was found to be powered off and two of the plastic feet were broken. Powered on the instrument and allowed the heated zones to stabilize. Plugged in the simulator and found the paddle inoperable. After spinning the paddle manually it began to operate properly. Once the instrument came up to temperature a Check-In test was performed to verify the operation of the instrument. The DMT was operating per the manufacturer's specification. The broken feet do not affect the instrument's operation, but will be replaced at a later date. After verifying the instrument's operation the data was downloaded to a USB drive, upraged to the newest software, and a new communication PCB installed. The DMT Supervisor sent a Diagnostic test to also verify that the detector voltage had stabilized to where it had been running previously. Suggested to the DMT Supervisor and agency Chief to possibly bolt the instrument to the counter top and to not allow any subjects near the instrument in the future.

On Site In-house

Attachments: 5 pages

Performed By: Robert Driscoll *RD*

Date: 8/26/15

Final Review: *AB*

Date: 9/2/15



CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMaster DMT: 103909
 Location: Richmond PD
 Certification Date: 12/20/2011
 Installation Date: 06/14/2013

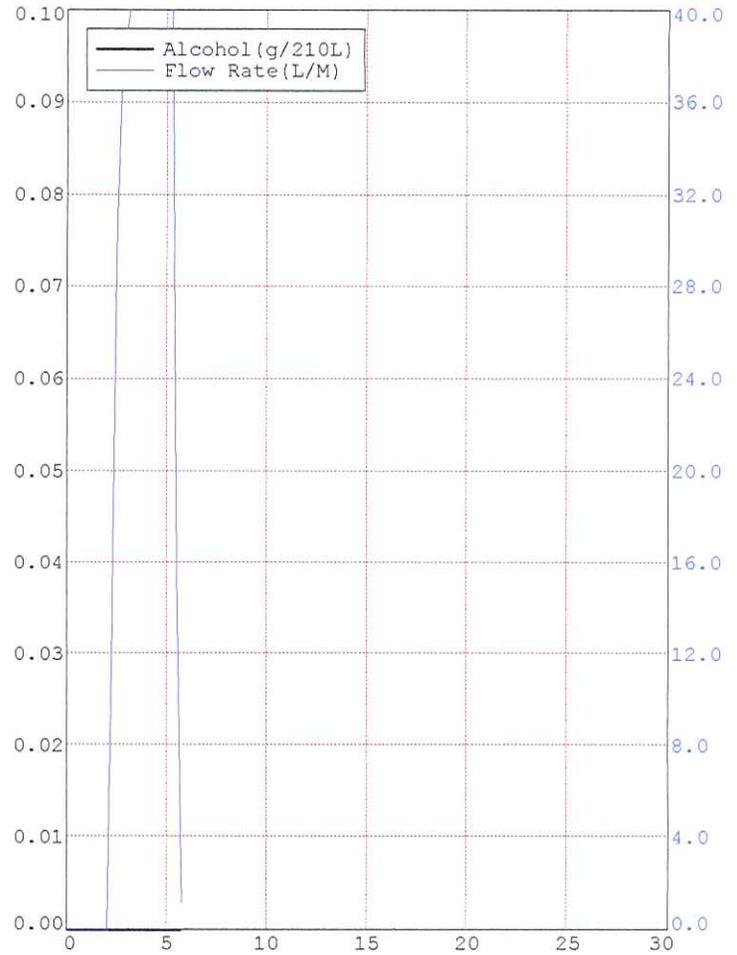
 Date: 08/21/2015
 Time: 14:05:15

SUBJECT NAME:
 TEST TEST
 DOB: 01/01/1990 AGE: 25
 GENDER: M

TEST OPERATOR NAME:
 ROBERT DRISCOLL
 AGENCY: VFL

 BLANK TEST 0.000 14:06
 CALIBRATION CHECK PASSED 14:06
 Xq = 0.082 (1.38%)
 SIMULATOR VAPOR 34.1°C 0.095 14:06
 X[1] = 0.0953 (0.0027) (-0.0008)
 SUBJECT SAMPLE (Vol=2.1L) 0.000 14:07
 X[1] = 0.0000 (0.0000) (0.0000)
 BLANK TEST 0.000 14:08

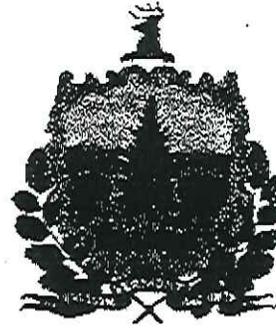
All alcohol values reported in g/210L
 Sim. Vapor Concentration 0.098
 Sim. Vapor Range 0.093 - 0.103
 Lot #: 15-01-100



2 of 6 RD

DIAGNOSTIC RESULT

DataMaster DMT: 103909
Location: Richmond PD
Calibration Date: 12/19/2011
Certification Date: 12/20/2011
Installation Date: 06/14/2013
Test Date: 08/24/2015
Test Time: 07:41:49



VERSIONS

DMT: 2.00
PIC: 2.06
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.75 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 540 Hz

PUMP INFO

Flow Rate = 4.900 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2976	0.2996
MIN (V)	0.2955	0.2982

FILTER INFO

Filter 1	0.299	Zero = true
Filter 2	0.585	Zero = true
Filter 3	0.063	Zero = true

CALIBRATION CHECK

Xq = 0.081 0.218

Driscoll, Rob

From: Greenough, Rick <rick.greenough@cesuvt.org>
Sent: Monday, August 24, 2015 12:45 PM
To: Driscoll, Rob
Subject: Re: RPD DM

Thanks Rob, I appreciate your prompt assistance!!

Rick

Corporal Rick Greenough
CHMS School Resource Officer
Richmond Police Department
802-434-1008

On Mon, Aug 24, 2015 at 12:44 PM, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:
Thanks Rick! I received it and everything looks good.

Rob

Sent from my iPhone

On Aug 24, 2015, at 11:35 AM, Greenough, Rick <rick.greenough@cesuvt.org> wrote:

Rob,

I faxed that diagnostic to you this morning.

Thanks,
Rick

Corporal Rick Greenough
CHMS School Resource Officer
Richmond Police Department
[802-434-1008](tel:802-434-1008)

On Sat, Aug 22, 2015 at 1:19 PM, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:
Rick,

The voltage I was looking for was the box next to filter 1..not the flow. You could also run a diagnostic test and email me the report. The voltage will be printed on it.

Thanks,
Rob

Sent from my iPhone

On Aug 21, 2015, at 4:09 PM, Greenough, Rick <rick.greenough@cesuvt.org> wrote:

Rob. I checked the voltage flow and it was 1.06. Hope that was the right one?

On Friday, August 21, 2015, Greenough, Rick <rick.greenough@cesuvt.org> wrote:
Rob

I will not be in the office this afternoon if you could please call when you get to town one of us will meet you at the office. 434-2153

Thanks

Rick

On Friday, August 21, 2015, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:

Rick,

I will take a look today. Please unplug the simulator if the paddle is not spinning. I'm in Rutland this morning so it will most likely be after lunch.

Thanks,
Rob

Sent from my iPhone

On Aug 21, 2015, at 9:23 AM, Greenough, Rick <rick.greenough@cesuvt.org> wrote:

Good Morning,

Our DM is currently not in service. It was damaged on Tuesday when it was struck by a suspect while she was secured in our holding cell. The only obvious thing that I have noticed is that the paddle is not rotating, even after I remove the lid and try to get it going. I am wondering what I need to do to arrange to have someone come take a look at it?

Thanks,

Rick

**Corporal Rick Greenough
CHMS School Resource Officer
Richmond Police Department**

802-434-1008

This e-mail may contain information protected under the Family Educational Rights and Privacy Act (FERPA). If this e-mail contains student information and you are not entitled to access such information under FERPA, please notify the sender. Federal regulations require that you destroy this e-mail without reviewing it and you may not forward it to anyone.

--

**Corporal Rick Greenough
CHMS School Resource Officer
Richmond Police Department
802-434-1008**

--

**Corporal Rick Greenough
CHMS School Resource Officer
Richmond Police Department
802-434-1008**

This e-mail may contain information protected under the Family Educational Rights and Privacy Act (FERPA). If this e-mail contains student information and you are not entitled to access such information under FERPA, please notify the sender. Federal regulations require that you destroy this e-mail without reviewing it and you may not forward it to anyone.

This e-mail may contain information protected under the Family Educational Rights and Privacy Act (FERPA). If this e-mail contains student information and you are not entitled to access such information under FERPA, please notify the sender. Federal regulations require that you destroy this e-mail without reviewing it and you may not forward it to anyone.

This e-mail may contain information protected under the Family Educational Rights and Privacy Act (FERPA). If this e-mail contains student information and you are not entitled to access such information under FERPA, please notify the sender. Federal regulations require that you destroy this e-mail without reviewing it and you may not forward it to anyone.