



**VERMONT FORENSIC LABORATORY**

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**DATAMASTER TECHNICAL SUPPORT INQUIRY**

Agency/Site: <u>Montpelier PD</u>	DataMaster Serial #: <u>100136</u>
Date: <u>5/23/2013</u>	Requestor: <u>Chad Bean</u>
Instrument Supervisor: <u>Chad Bean</u>	Phone #: <u>(802) 223-3445</u>
Taken By: <u>R. Driscoll</u>	
Problem: Software intermittently non-responsive. _____ _____ _____	
Laboratory Response: DMT technician will investigate in the field. _____ _____	
Work Performed: DMT supervisor informed that the instrument "froze" while processing a DUI subject; subsequently rebooted. He also noted that the instrument had rebooted while generating reports for the State's Attorney. Ran a diagnostic check to verify the instrument was running within its specifications. All was within manufacture's specs, so checked the instrument for any abnormalities. Opened top cover to inspect the internal components and checked the power supply output voltage. Nothing indicated an instrument malfunction so ran a Check-in and DUI subject test to verify proper function. Made DMT supervisor aware of the software glitch when entering a date range in the reports menu and asked them to perform their June RPC as the solution was at the bottom of its range. Also asked the DMT supervisor to contact the VFL if there are any further reports of the software "freezing". _____ _____	
<input checked="" type="checkbox"/> On Site <input type="checkbox"/> In-house	Attachments: <u>7</u> pages
Performed By: <u>R Driscoll</u> <i>RED</i>	Date: <u>5/28/2013</u>
Final Review: <u><i>[Signature]</i></u>	Date: <u>5/29/2013</u>

## Driscoll, Rob

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**From:** Chad Bean <CBean@montpelier-vt.org>  
**Sent:** Thursday, May 23, 2013 9:00 AM  
**To:** Driscoll, Rob  
**Subject:** Re: Simulator Solution Inventory

Rob, I'll check our inventory when I get back to work in a few days. I wanted to check with you about a problem we apparently have been receiving during processing. The other day my Sgt had a DUI he stated the DMT asked for the subject to give a sample and then he said he received the "black screen of death" and everything froze up. When I got in I looked and it was still froze up so I had to shut it off and restart the machine. Couple weeks ago another guy had the same thing happen, I thought it was just a fluke but seems to be acting up more. Can we have a service tech come in and look at it soon?

Sent from my iPhone  
C.BEAN

On May 23, 2013, at 8:24 AM, "Driscoll, Rob" <[Rob.Driscoll@state.vt.us](mailto:Rob.Driscoll@state.vt.us)> wrote:

DMT Supervisors,

We are asking that you please check your simulator solution inventory. Based on observations at multiple agencies, we do not feel it necessary to send every agency two bottles in the June mailing. Please be sure to check the expiration date of any solution you currently have in stock and send us any empty or expired bottles.

Thanks for you cooperation,

Rob

Robert Driscoll  
Vermont Forensics Laboratory  
Electronics Technician  
[Rob.Driscoll@state.vt.us](mailto:Rob.Driscoll@state.vt.us)  
Desk: (802) 241-5817  
Cell: (802) 585-0123



# DIAGNOSTIC RESULT

DataMaster DMT:100136  
Location: Montpelier PD  
Calibration Date: 11/14/2011  
Certification Date:11/14/2011  
Installation Date: 12/06/2011  
Test Date: 05/28/2013  
Test Time: 11:12:27



## VERSIONS

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

## TEMPERATURES

Sample Chamber = 48.7°C  
Breath Tube = 48.1°C  
Digital Sim = 33.9°C

## SETTINGS

Lamp Voltage = 1.80 V  
Cooler Voltage = 1.79 V  
Bias Voltage = 80 V  
Chopper Freq = 537 Hz

## PUMP INFO

Flow Rate = 6.042 L/M

## DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0073	0.0100
MIN(V)	0.0055	0.0087

## FILTER INFO

Filter 1	0.009	Zero = true
Filter 2	0.459	Zero = true
Filter 3	1.344	Zero = true

## CALIBRATION CHECK

Xq = 0.084 1.16%

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CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMeter DMT: 100136  
Location: Montpelier PD  
Certification Date: 11/14/2011  
Installation Date: 12/06/2011

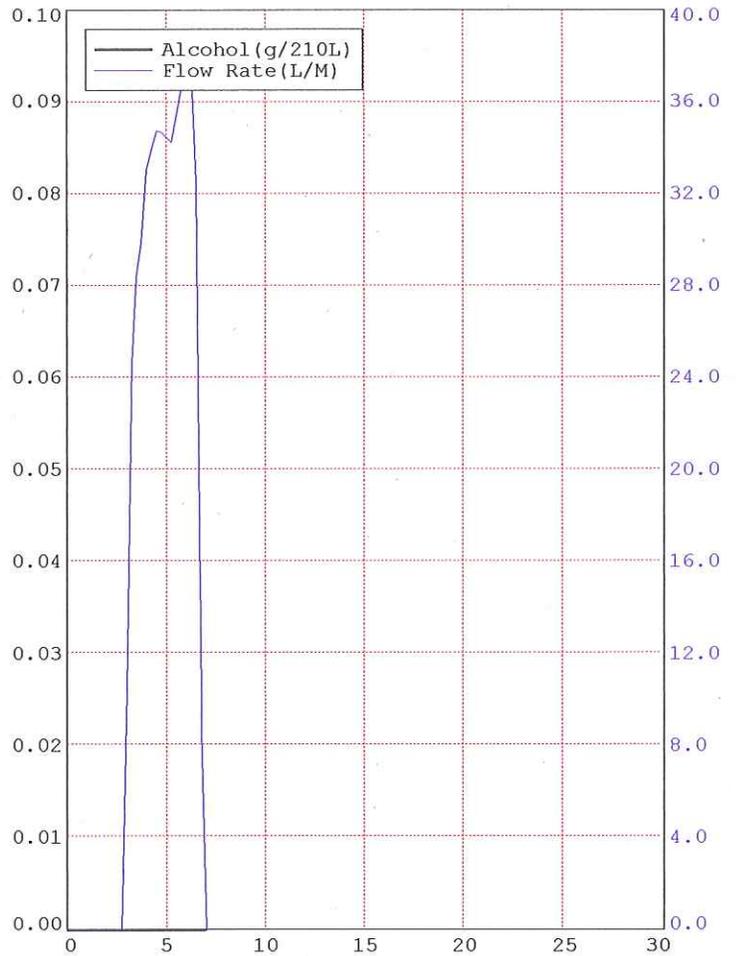
Date: 05/28/2013  
Time: 11:25:57

SUBJECT NAME:  
TEST TEST  
DOB: 05/28/1970 AGE: 43  
GENDER: M  
LICENSE #: 000000 VT

TEST OPERATOR NAME:  
ROBERT DRISCOLL  
AGENCY: VFL

BLANK TEST	0.000	11:26
CALIBRATION CHECK	PASSED	11:27
SIMULATOR VAPOR 33.9°C	0.096	11:27
SUBJECT SAMPLE (Vol=2.0L)	0.000	11:27
BLANK TEST	0.000	11:28

All alcohol values reported in g/210L  
Sim. Vapor Concentration 0.101  
Sim. Vapor Range 0.096 - 0.106  
Lot #: 12-87-100



lot 8 rec



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100136  
Location: Montpelier PD  
Certification Date: 11/14/2011  
Installation Date: 12/06/2011

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Date: 05/28/2013  
Time: 11:38:45

SUBJECT NAME:  
TEST TEST  
DOB: 05/28/1970 AGE: 43  
GENDER: M  
LICENSE #: 000000 VT

CASE #: 0000  
TIME OF OPERATION: 12:00  
LOCATION OF INCIDENT:  
TEST  
TOWN: MONTPELIER  
COUNTY: WASHINGTON

TEST OPERATOR NAME:  
ROBERT DRISCOLL  
AGENCY: VFL

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Obs. Period Start: 11:38

BLANK TEST	0.000	11:39
CALIBRATION CHECK	PASSED	11:39
SIMULATOR VAPOR 33.9°C	0.095	11:40

Simulator Out of Range

All alcohol values reported in g/210L  
Sim. Vapor Concentration 0.101  
Sim. Vapor Range 0.096 - 0.106  
Lot #: 12-87-100

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DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100136  
Location: Montpelier PD  
Certification Date: 11/14/2011  
Installation Date: 12/06/2011

Date: 05/28/2013  
Time: 11:41:36

SUBJECT NAME:  
TEST TEST  
DOB: 05/28/1970 AGE: 43  
GENDER: M  
LICENSE #: 000000 VT

CASE #: 0000  
TIME OF OPERATION: 12:00  
LOCATION OF INCIDENT:  
TEST  
TOWN: MONTPELIER  
COUNTY: WASHINGTON

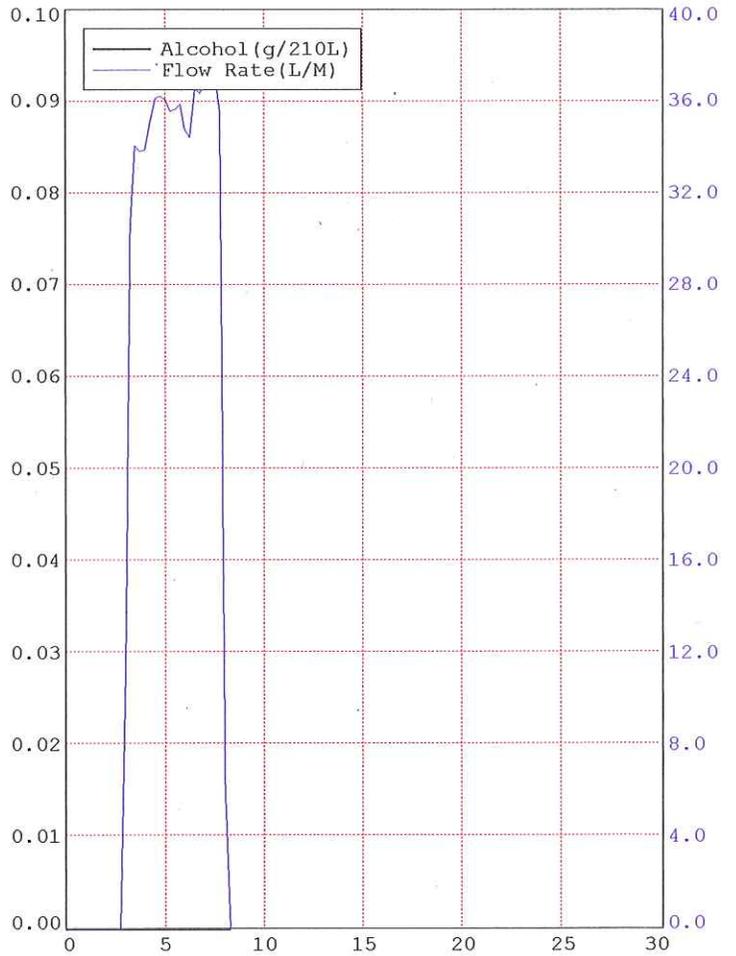
TEST OPERATOR NAME:  
ROBERT DRISCOLL  
AGENCY: VFL

Obs. Period Start: 11:38

BLANK TEST	0.000	11:42
CALIBRATION CHECK	PASSED	11:42
SIMULATOR VAPOR 33.8°C	0.096	11:43
BLANK TEST	0.000	11:43
SUBJECT SAMPLE (Vol=2.9L)	0.000	11:44

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L  
Sim. Vapor Concentration 0.101  
Sim. Vapor Range 0.096 - 0.106  
Lot #: 12-87-100



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