



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: Colchester PD **DataMaster Serial #:** 100157

Date: 5/2/2015 **Requestor:** Jack Lehneman

Instrument Supervisor: Jack Lehneman **Phone #:** (802)264-5555

Taken By: Rob Driscoll

Problem: Simulator solution out of range during DUI Subject Test.

Laboratory Response: Alcohol program staff will troubleshoot onsite.

Work Performed: DMT Supervisor performed an Accuracy and Precision Test after the DUI Subject Test and it was within the +/- 5% range. Leak-tested simulator and it is tight. Started an Accuracy and Precision test and the results were good. Re-routed the exhaust from the bottom of the instrument to the back panel. Tested the simulator solution with another Accuracy and Precision test and the results were once again within spec. Suggested that the DMT Supervisor makes sure that the air conditioner above the instrument does not blow air directly on the DMT. Simulator solution depletion will be monitored.

On Site In-house **Attachments:** 9 pages

Performed By: Rob Driscoll *RCD* **Date:** 5/5/2015

Final Review: *A Bold* **Date:** 5/11/15

Driscoll, Rob

From: Driscoll, Rob
Sent: Tuesday, May 05, 2015 8:08 AM
To: Lehneman, Jack
Subject: Re: Attached Image

Jack,
I re-routed the vent to go out of the back of the instrument. Your simulator was leak tight and the A+P tests came back at .096 and .097. The only suggestion I can make at this point is to tell the others in your agency to not direct the air flow from the A/C unit onto the instrument. I know it blows at my face when standing in front of it, so it's possible people are changing the direction of air flow onto the instrument? Just a thought. Please let me know how it performs.

Thanks,
Rob

Sent from my iPhone

> On May 2, 2015, at 3:40 AM, Lehneman, Jack <Jack.Lehneman@state.vt.us> wrote:

>

> Rob,

>

> Dave Dewey had a DUI tonight and these are the three tries at getting the simulator to pass and the first one when she said she burped just before the test.

>

> It was out of range.?.?.? Dave said he removed her from the room and put her in the holding cell to see if it would test and that did not work.

>

> I then did an A&P test that was a 0.096. I also did a check in and it tested as a 0.097. Not sure what is going on. I checked the jar to make sure it was tight and everything was connected correctly.

>

> I changed the solution as you know the other day and it tested out at a 0.098.

>

> I am on nights right now. This always seems to happen when I am on nights.

>

> Any insight would be great.

>

> Officer Jack Lehneman

> Colchester Police Department

> Dispatch: 802-264-5555

> Fax: 802-264-5561

> jack.lehneman@state.vt.us

>

>

>

> "ONLY TWO DEFINING FORCES EVER OFFERED TO GIVE THEIR LIFE FOR YOU;

> JESUS CHRIST AND THE AMERICAN SOLDIER"

>

> "ONE DIED FOR YOUR SOUL;

> THE OTHER FOR YOUR FREEDOM"



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100157
Location: Colchester PD
Certification Date: 02/08/2012
Installation Date: 09/12/2012

Date: 05/02/2015
Time: 00:08:42

SUBJECT NAME:

DOB: [REDACTED] AGE: 39
GENDER: F
LICENSE #: [REDACTED]

CASE #: 15CC003968
TIME OF OPERATION: 22:45
LOCATION OF INCIDENT:
1301 EAST LAKESHORE DRIVE
TOWN: COLCHESTER
COUNTY: CHITTENDEN

TEST OPERATOR NAME:
D C DEWEY
AGENCY: COLCHESTER PD

Obs. Period Start: 23:39
Obs. Restart: lawyer 23:52

BLANK TEST	0.000	00:09
CALIBRATION CHECK	PASSED	00:09
SIMULATOR VAPOR 34.1°C	0.094	00:10
BLANK TEST	0.000	00:10
SUBJECT SAMPLE	REFUSED	00:11

Subject incapable of providing sample.
Reason: burped

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.099
Sim. Vapor Range 0.094 - 0.104
Lot #: 15-05-100



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100157
Location: Colchester PD
Certification Date: 02/08/2012
Installation Date: 09/12/2012

Date: 05/02/2015
Time: 00:28:42

SUBJECT NAME:

DOB: [REDACTED] AGE: 39
GENDER: F
LICENSE #: [REDACTED]

CASE #: 15CC003968
TIME OF OPERATION: 22:45
LOCATION OF INCIDENT:
1301 EAST LAKESHORE DRIVE
TOWN: COLCHESTER
COUNTY: CHITTENDEN

TEST OPERATOR NAME:
D C DEWEY
AGENCY: COLCHESTER PD

Obs. Period Start: 00:13

BLANK TEST	0.000	00:29
CALIBRATION CHECK	PASSED	00:29
SIMULATOR VAPOR 34.2°C	0.092	00:30

Simulator Out of Range

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.099
Sim. Vapor Range 0.094 - 0.104
Lot #: 15-05-100



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100157
Location: Colchester PD
Certification Date: 02/08/2012
Installation Date: 09/12/2012

Date: 05/02/2015
Time: 00:32:17

SUBJECT NAME:

DOB: [REDACTED] AGE: 39
GENDER: F
LICENSE #: [REDACTED]

CASE #: 15CC003968
TIME OF OPERATION: 22:45
LOCATION OF INCIDENT:
1301 EAST LAKESHORE DRIVE
TOWN: COLCHESTER
COUNTY: CHITTENDEN

TEST OPERATOR NAME:
D C DEWEY
AGENCY: COLCHESTER PD

Obs. Period Start: 00:13

BLANK TEST	0.000	00:33
CALIBRATION CHECK	PASSED	00:33
SIMULATOR VAPOR 34.1°C	0.093	00:33

Simulator Out of Range

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.099
Sim. Vapor Range 0.094 - 0.104
Lot #: 15-05-100



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100157
Location: Colchester PD
Certification Date: 02/08/2012
Installation Date: 09/12/2012

Date: 05/02/2015
Time: 00:35:56

SUBJECT NAME:

DOB: [REDACTED] AGE: 39
GENDER: F
LICENSE #: [REDACTED]

CASE #: 15CC003968
TIME OF OPERATION: 22:45
LOCATION OF INCIDENT:
1301 EAST LAKESHORE DRIVE
TOWN: COLCHESTER
COUNTY: CHITTENDEN

TEST OPERATOR NAME:
D C DEWEY
AGENCY: COLCHESTER PD

Obs. Period Start: 00:13

BLANK TEST	0.000	00:36
CALIBRATION CHECK	PASSED	00:37
SIMULATOR VAPOR 34.1°C	0.093	00:37

Simulator Out of Range

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.099
Sim. Vapor Range 0.094 - 0.104
Lot #: 15-05-100

Breath Record History

Test Date	Test Time	Agency	Operator Name	Alcohol Val. 1	Alcohol Val. 2	Sim. Conc. 1	Sim. Conc. 2	Status Message
03/04/2015	03:01:25	COLCHESTER PD	MICHAEL S WEST	0.180		0.096		
03/04/2015	21:50:46	COLCHESTER PD	KYE RICHTER	0.155		0.095	0.093	Simulator Out of Range
03/06/2015	01:24:53	COLCHESTER PD	JACK LEHNEMAN					Pump Error
03/06/2015	01:28:21	COLCHESTER PD	JACK LEHNEMAN					Pump Error
03/07/2015	01:58:36	COLCHESTER PD	JESSE SAWYER	0.224		0.097		
03/14/2015	05:30:26	COLCHESTER PD	JESSE SAWYER	0.165		0.096		
03/18/2015	03:04:49	COLCHESTER PD	CHRISTIAN H WELLEN	INCOMPLETE	INCOMPLETE	0.094	0.000	Simulator Out of Range
03/18/2015	03:22:24	COLCHESTER PD	JEREMY A WYSKIEL	0.161		0.094		RESPONSE TIMEOUT
03/18/2015	06:14:41	COLCHESTER PD	JACK LEHNEMAN	0.000		0.096		
03/21/2015	00:51:45	COLCHESTER PD	CHRISTOPHER M JONES	REFUSED		0.096		
03/27/2015	04:15:34	COLCHESTER PD	JESSE I FREIB	0.169		0.095		
03/27/2015	21:11:38	COLCHESTER PD	CHRISTIAN H WELLEN	0.260		0.095		
03/31/2015	01:56:54	COLCHESTER PD	JESSE J FREIBER	0.180		0.095	0.094	
04/11/2015	03:51:39	SEPD	D BRUNELLE	0.103		0.099	0.095	
04/21/2015	00:20:44	COLCHESTER PD	JACK LEHNEMAN	0.074		0.094		
04/26/2015	01:54:28	COLCHESTER PD	MICHAEL FISH	0.151		0.094	0.094	
04/26/2015	04:44:57	COLCHESTER PD	JACK LEHNEMAN	0.187		0.094		
04/26/2015	21:58:10	COLCHESTER PD	JESSE I FREIBER	0.116		0.094		
04/27/2015	04:27:12	COLCHESTER PD	JEREMY A WYSKIEL	0.206		0.094	0.093	
05/02/2015	00:08:42	COLCHESTER PD	D C DEWEY	REFUSED	0.207	0.094		Simulator Out of Range
05/02/2015	00:28:42	COLCHESTER PD	D C DEWEY			0.092		
05/02/2015	00:32:17	COLCHESTER PD	D C DEWEY			0.093		Simulator Out of Range
05/02/2015	00:35:56	COLCHESTER PD	D C DEWEY			0.093		Simulator Out of Range
05/02/2015	02:14:41	COLCHESTER PD	JACK LEHNEMAN	0.000		0.097		Simulator Out of Range



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 100157
 Location: Colchester PD

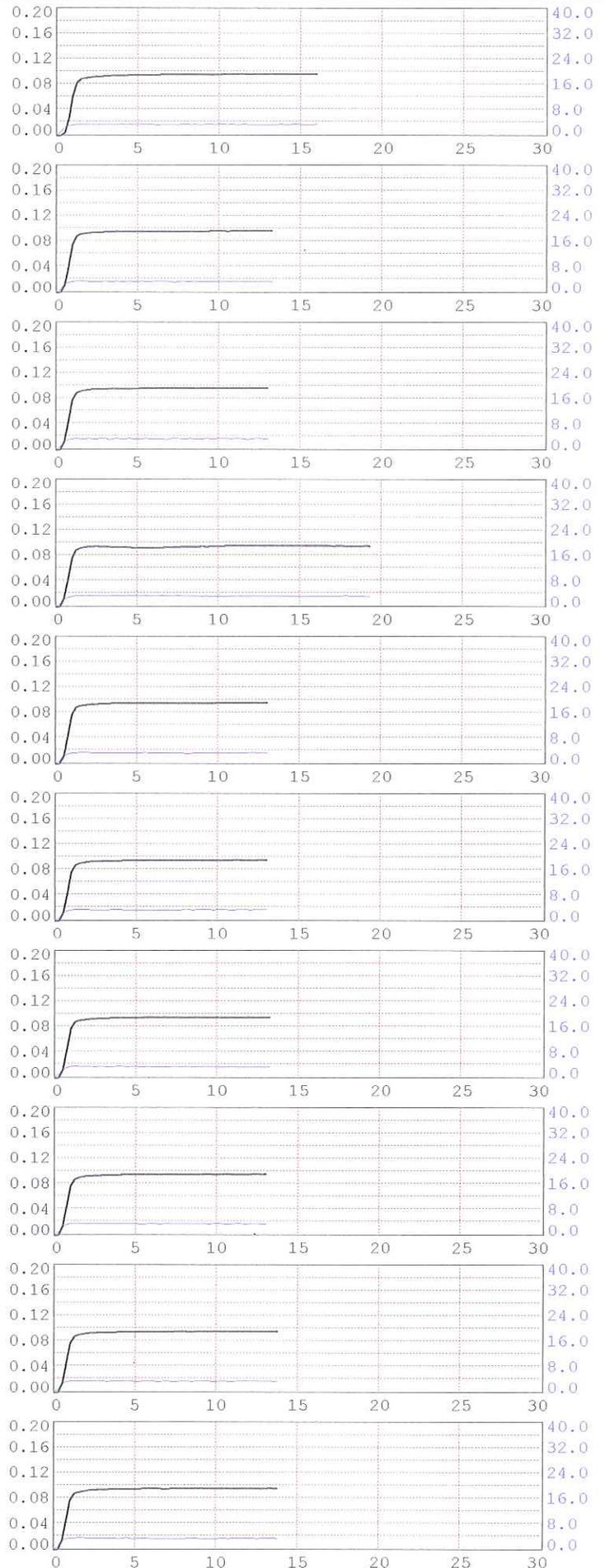
Date: 05/05/2015
 Time: 06:58:26

SUPERVISOR NAME:
 ROBERT DRISCOLL

SOLUTION LOT #: 15-05-100
 SOLUTION CONCENTRATION: 0.099

BLANK TEST	0.000	06:59
CALIBRATION CHECK	PASSED	06:59
SIMULATOR VAPOR 34.2°C	0.097	06:59
SIMULATOR VAPOR 34.2°C	0.097	07:00
SIMULATOR VAPOR 34.1°C	0.097	07:01
SIMULATOR VAPOR 34.1°C	0.095	07:03
SIMULATOR VAPOR 34.1°C	0.096	07:04
SIMULATOR VAPOR 34.2°C	0.096	07:05
SIMULATOR VAPOR 34.1°C	0.095	07:06
SIMULATOR VAPOR 34.1°C	0.096	07:07
SIMULATOR VAPOR 34.2°C	0.096	07:08
SIMULATOR VAPOR 34.2°C	0.097	07:09
BLANK TEST	0.000	07:10

Average = 0.096
 Std Dev = 0.000





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 100157
 Location: Colchester PD

Date: 05/05/2015
 Time: 07:50:50

SUPERVISOR NAME:
 ROBERT DRISCOLL

SOLUTION LOT #: 15-05-100
 SOLUTION CONCENTRATION: 0.099

BLANK TEST	0.000	07:51
CALIBRATION CHECK	PASSED	07:51
SIMULATOR VAPOR 34.2°C	0.096	07:52
SIMULATOR VAPOR 34.2°C	0.096	07:53
SIMULATOR VAPOR 34.2°C	0.096	07:54
SIMULATOR VAPOR 34.2°C	0.097	07:55
SIMULATOR VAPOR 34.2°C	0.097	07:56
SIMULATOR VAPOR 34.2°C	0.098	07:57
SIMULATOR VAPOR 34.2°C	0.098	07:58
SIMULATOR VAPOR 34.2°C	0.098	07:59
SIMULATOR VAPOR 34.2°C	0.097	08:01
SIMULATOR VAPOR 34.2°C	0.098	08:02
BLANK TEST	0.000	08:02

Average = 0.097
 Std Dev = 0.000

