



VERMONT FORENSIC LABORATORY

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DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Colchester PD DataMaster Serial #: 100157

Date: 3/5/2015 Requestor: Chris Jones

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

Taken By: R.Driscoll

Problem: Simulator solution out of range.

Laboratory Response: Solution was just changed during the RPC so Alcohol Program staff to investigate onsite for any leaks.

Work Performed: Leak-checked the simulator and found to be leaking. Replaced with simulator s/n: VT3. Matched temperatures between the simulator and instrument using NIST traceable thermometer s/n: 111814517. Trimmed tubing inside simulator tower for a tight fit on the quick connect fittings and completed a simulator solution change.

3/6 Update: During a DUI processing the DataMaster DMT had "pump fails" while trying to take a sample from the simulator. Found the tubing inside of the simulator tower to be kinked and blocking the flow. Adjusted tubing as to not cause a kink and ran an Accuracy and Precision check. DMT is back in service.

On Site In-house

Attachments: 7 pages

Performed By: Robert Driscoll RD

Date: 3/9/2015

Final Review: A. Bolden

Date: 3/9/15



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 100157
 Location: Colchester PD

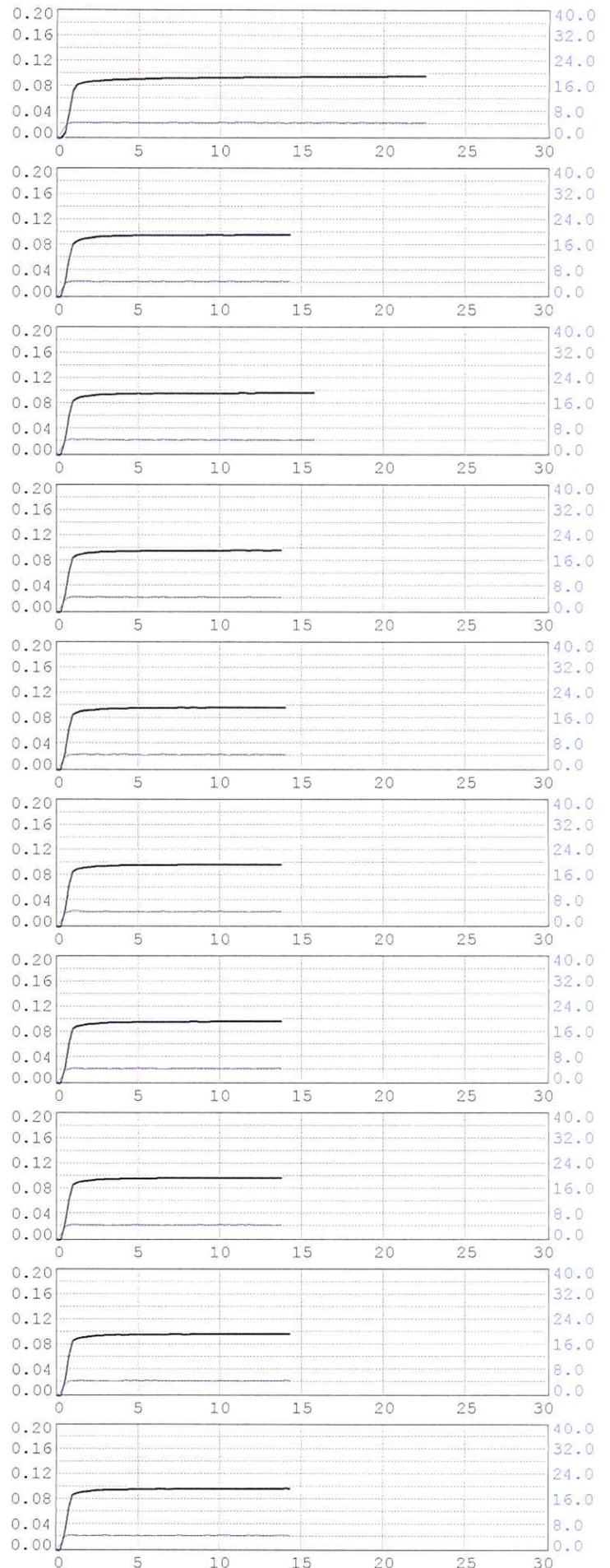
Date: 03/06/2015
 Time: 07:28:22

SUPERVISOR NAME:
 ROBERT DRISCOLL

SOLUTION LOT #: 15-01-100
 SOLUTION CONCENTRATION: 0.098

BLANK TEST	0.000	07:29
CALIBRATION CHECK	PASSED	07:29
SIMULATOR VAPOR 34.1°C	0.096	07:29
SIMULATOR VAPOR 34.1°C	0.097	07:30
SIMULATOR VAPOR 34.1°C	0.098	07:32
SIMULATOR VAPOR 34.0°C	0.097	07:33
SIMULATOR VAPOR 34.1°C	0.098	07:34
SIMULATOR VAPOR 34.1°C	0.098	07:35
SIMULATOR VAPOR 34.1°C	0.097	07:36
SIMULATOR VAPOR 34.1°C	0.098	07:37
SIMULATOR VAPOR 34.1°C	0.098	07:38
SIMULATOR VAPOR 34.1°C	0.098	07:39
BLANK TEST	0.000	07:40

Average = 0.097
 Std Dev = 0.000



Driscoll, Rob

From: Driscoll, Rob
Sent: Thursday, March 05, 2015 7:40 AM
To: Jones, Christopher
Subject: RE: Colchester PD DMT

Chris,

The recent RPC fail was not related to the simulator vapor, but it seems as though your solution is depleting rather quickly. I can come take a look at your instrument this afternoon to see if there are any leaks in the simulator. This can cause your readings between tests to be inconsistent as well.

Regards,
Rob

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

From: Jones, Christopher
Sent: Thursday, March 05, 2015 1:03 AM
To: Driscoll, Rob
Cc: Roy, James; Lehneman, Jack
Subject: Colchester PD DMT

Rob,

I know that we have had issues in the recent past (Feb RPC) with the DMT and fluctuation of the Simulator Vapor test. I wanted to bring to your attention this occurred again this evening 03-04-15 during a process. The first test indicated a .095% at 2151 and request for a second test was out of range at .093% at 2155 hrs. Once brought to my attention I conducted an accuracy and precision test which completed at 2311 hrs. The standard deviation was .096%. Not really sure why there was such a difference between the two.

I have attached a copy of the Processing receipt and also the Accuracy and precision report for your review.

Chris Jones
Patrol Officer
Colchester Police Department
835 Blakely Road
Colchester, VT 05446
802-264-5556
802-264-5561 (fax)



DUI SUBJECT TEST

STATE OF VERMONT

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

Date: 03/04/2015
Time: 21:50:46

SUBJECT NAME: [REDACTED]
DOB: [REDACTED] AGE: [REDACTED]
GENDER: F
LICENSE #: [REDACTED]

CASE #: 15CC001877
TIME OF OPERATION: 20:11
LOCATION OF INCIDENT:
189 EXIT 16 SOUTHBOUND OFF RAM
TOWN: COLCHESTER
COUNTY: CHITTENDEN

TEST OPERATOR NAME:
KYE RICHTER
AGENCY: COLCHESTER PD

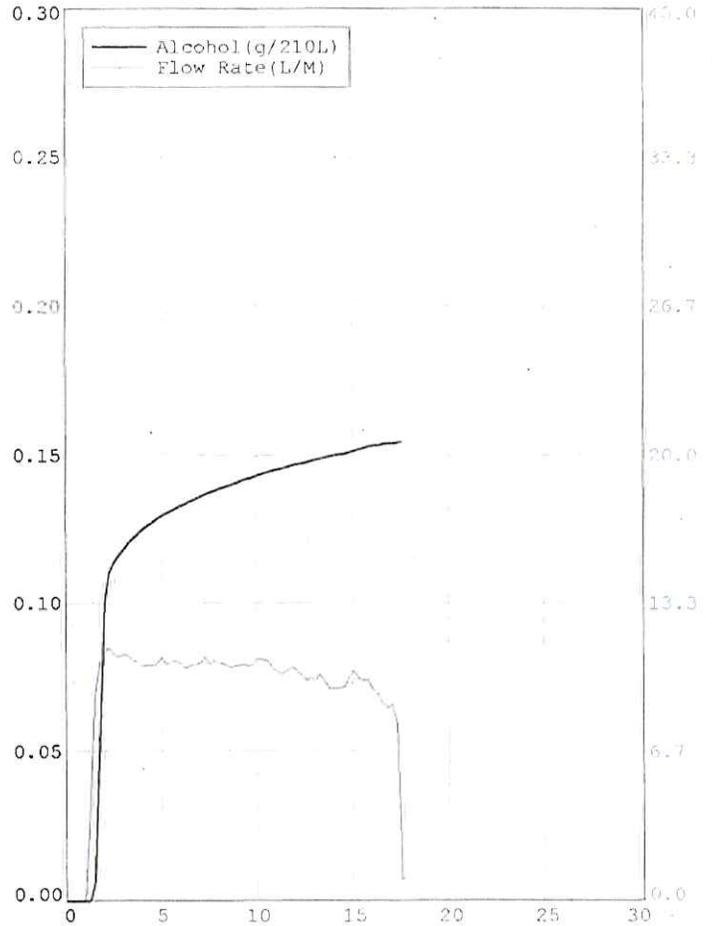
Obs. Period Start: 21:33

BLANK TEST	0.000	21:51
CALIBRATION CHECK	PASSED	21:51
SIMULATOR VAPOR 34.0°C	0.095	21:52
BLANK TEST	0.000	21:52
SUBJECT SAMPLE (Vol=2.8L)	0.155	21:53

BLANK TEST	0.000	21:55
CALIBRATION CHECK	PASSED	21:55
SIMULATOR VAPOR 34.0°C	0.093	21:55

Simulator Out of Range

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.099
Sim. Vapor Range 0.094 - 0.104
Lot #: 14-15-100





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 100157
Location: Colchester PD

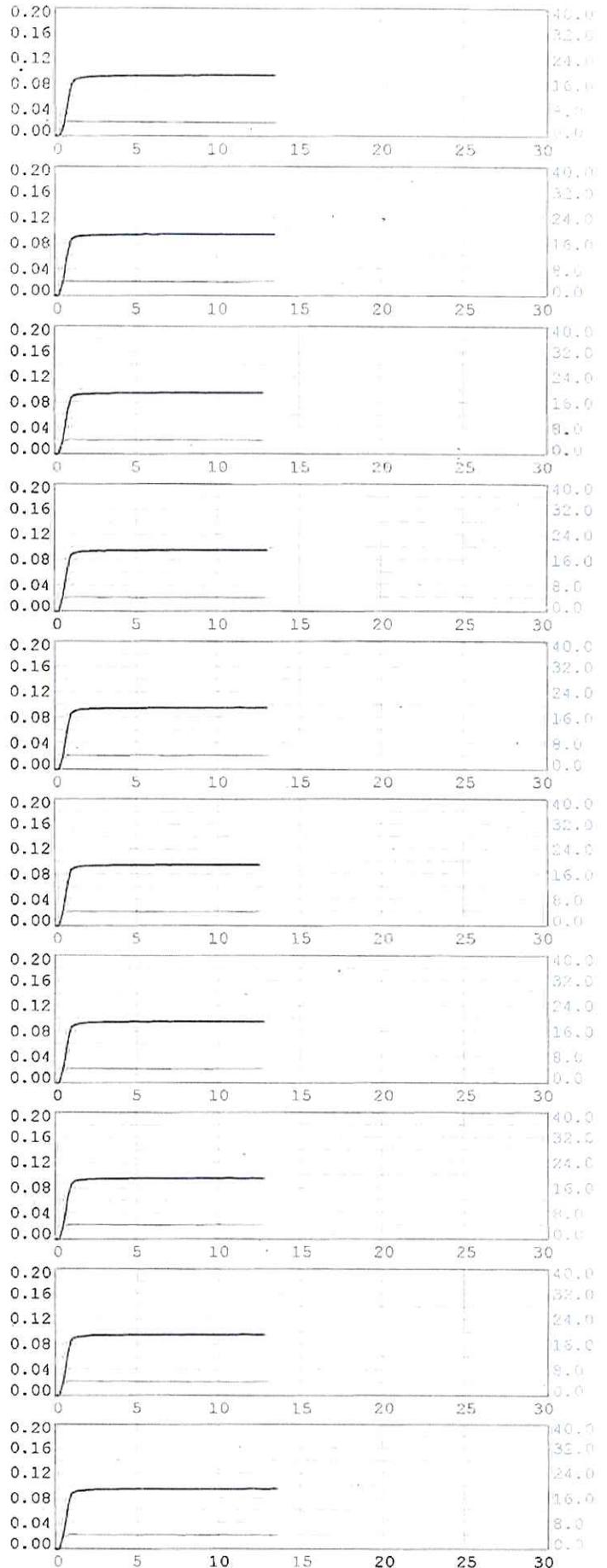
Date: 03/04/2015
Time: 22:59:50

SUPERVISOR NAME:
CHRISTOPHER M JONES

SOLUTION LOT #: 14-15-100
SOLUTION CONCENTRATION: 0.099

BLANK TEST	0.000	23:00
CALIBRATION CHECK	PASSED	23:00
SIMULATOR VAPOR 34.0°C	0.096	23:01
SIMULATOR VAPOR 34.0°C	0.096	23:02
SIMULATOR VAPOR 34.0°C	0.096	23:03
SIMULATOR VAPOR 34.0°C	0.097	23:04
SIMULATOR VAPOR 34.0°C	0.097	23:05
SIMULATOR VAPOR 34.0°C	0.096	23:06
SIMULATOR VAPOR 34.0°C	0.097	23:07
SIMULATOR VAPOR 34.0°C	0.097	23:08
SIMULATOR VAPOR 34.1°C	0.097	23:09
SIMULATOR VAPOR 34.0°C	0.097	23:10
BLANK TEST	0.000	23:11

Average = 0.096
Std Dev = 0.000



6 of 8 LOD

Driscoll, Rob

From: Lehneman, Jack
Sent: Saturday, March 07, 2015 12:28 PM
To: Driscoll, Rob; Jones, Christopher
Subject: RE: DMT

Rob,

Thanks again. I hope this pattern does not continue. I hope this is the end of the problems with this tihing.

We might need to put you on the payroll at CPD.

*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"**

From: Driscoll, Rob
Sent: Friday, March 06, 2015 7:45 AM
To: Lehneman, Jack; Jones, Christopher
Subject: Re: DMT

I was able to rerout the tubing in the simulator tower to fix the kink in the tube (hence the pump errors while running the sim.). I ran an accuracy and precision check with no issues. Once again I'm sorry for the inconvenience, the tubing must have twisted after I did the solution change last night.

Regards,
Rob

On: 06 March 2015 04:51, "Lehneman, Jack" <Jack.Lehneman@state.vt.us> wrote:
Rob,

I hate to do this but that dam thing is down again. I had a DUI and when it was going through its test is got to 0.063 on the self test and it said pump error. I was hoping it was only a one time thing and tried again and it did the same thing at 0.065 on the self test.

I have taken it out of service. Can we take it to the range?

I will be off for the next three days. I will be back on Monday day shift. Jones will be on tonight at 1700 hours. Please contact him or SGT Roy if you need anything.

We might have to put you on the payroll here if this keeps happening.

Thanks,

Jack

Officer Jack Lehneman
Colchester Police Department
Dispatch: 802-264-5555
Fax: 802-264-5561
[*jack.lehneman@state.vt.us*](mailto:jack.lehneman@state.vt.us)

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