

Start Date 4/27/17

DMT Serial # 100145

DMT Location Brighton PD

DMT Upgrade Checklist

	Initials	Date
• Install new Property Identification Tag Tag# <u>1000902</u>	<u>RCS</u>	<u>4/27/17</u>
• Download Data	<u>RCS</u>	<u>4/27/17</u>
• Upload New Software	<u>RCS</u>	<u>4/27/17</u>
• Install Intoximeters 12V500 conversion kit	<u>RCS</u>	<u>4/27/17</u>
• Performance check a new Guth 12V500 simulator using temp check form Sticker applied to sim? ☒	<u>RCS</u>	<u>4/27/17</u>
• Install new Guth 12V500 12V500 s/n: <u>MP3492</u>	<u>RCS</u>	<u>4/27/17</u>
• Verify adjustable flow rate valve installed (If no, install and set volume to 1.5L)	<u>RCS</u>	<u>4/27/17</u>
• Perform Calibration Protocol	<u>RCS</u>	<u>4/27/17</u>
• Perform Certification Protocol	<u>RCS</u>	<u>4/27/17</u>
• Calibration and certification review by analyst	<u>AS</u>	<u>4/28/17</u>
• Data logged into control charts	<u>AS</u>	<u>4/28/17</u>

Reviewed by: 

Date: 4/28/17 ^{second} 5/3/17

CALIBRATION REPORT

DataMaster DMT: 100145
Calibration Date: 04/27/2017
Calibrated by: ROBERT DRISCOLL
Lot: 17-12-100



Ca	=	0.101		
CAL	=	0.970500	0.800	<= CAL < 1.200
b1	=	0.000	0.000	<= b1 < 0.004
b2	=	0.003	0.002	<= b2 < 0.010
b3	=	0.000	0.000	<= b3 < 0.004
Xq	=	0.125	0.050	<= Xq < 0.200
a21	=	1.141683	1.050	<= a21 < 1.300
a31	=	0.428468	0.300	<= a31 < 0.800

DL-DMT 11152016 RUS 4/27/17

Performed by

Rob RCD

Date

04/27/2017



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100145

Date: 04/27/2017

Time: 09:57:36

SUPERVISOR NAME:

RCD CAL CHECK

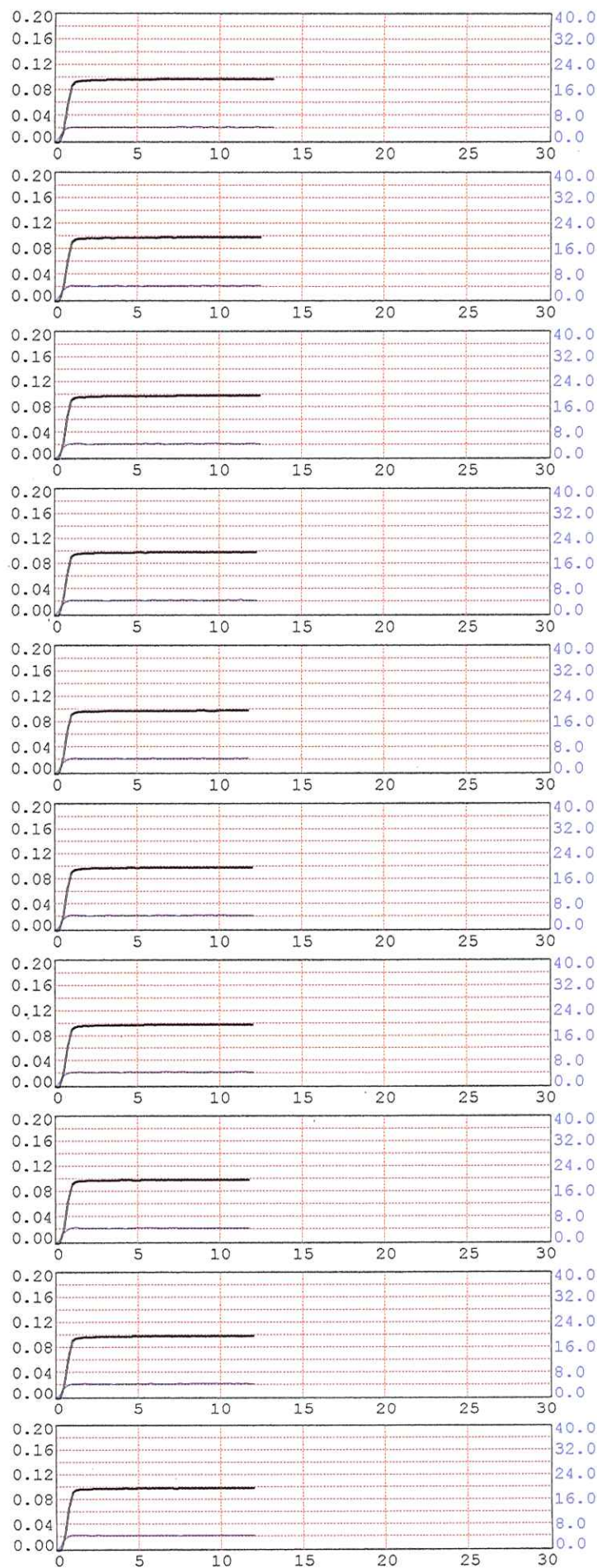
SOLUTION LOT #: GUTH 17060

SOLUTION CONCENTRATION: 0.102

BLANK TEST	0.000	09:58
CALIBRATION CHECK	PASSED	09:58
SIMULATOR VAPOR 34.0°C	0.099	09:58
SIMULATOR VAPOR 34.0°C	0.100	09:59
SIMULATOR VAPOR 34.0°C	0.099	10:01
SIMULATOR VAPOR 34.0°C	0.099	10:02
SIMULATOR VAPOR 34.0°C	0.099	10:03
SIMULATOR VAPOR 34.0°C	0.100	10:04
SIMULATOR VAPOR 34.0°C	0.099	10:05
SIMULATOR VAPOR 34.0°C	0.099	10:06
SIMULATOR VAPOR 34.0°C	0.099	10:07
SIMULATOR VAPOR 34.0°C	0.100	10:08
BLANK TEST	0.000	10:09

Average = 0.099

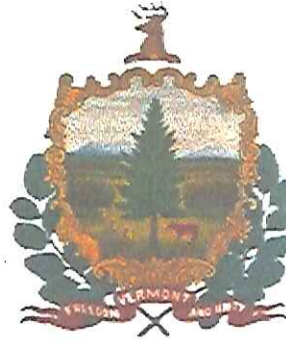
Std Dev = 0.0004



AB3

CERTIFICATION REPORT

DataMaster DMT: 100145
Calibration Date: 04/27/2017
Certification Date: 04/27/2017
Certified by: ROBERT DRISCOLL



Diagnostic Results

VERSIONS

DMT: 2.03
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 45.3°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.60 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 5.738 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0348	0.0384
MIN (V)	0.0327	0.0368

FILTER INFO

Filter 1	0.037	Zero = true
Filter 2	0.625	Zero = true
Filter 3	1.502	Zero = true

CALIBRATION CHECK

Xq = 0.125 0.14%

Options

OPTIONS

Units

Alcohol..... g/210L

Simulator

Tolerance Check..... yes
Standard Type..... wet
Nominal..... 0.100
Digital Simulator..... Guth

Subject

Ask Questions..... yes
Number of Tests..... 2
Alcohol Display..... yes
Volume Display..... yes
Query Refusal..... yes
Copies..... 3
Simulator Before..... yes
Simulator Between..... yes
Simulator After..... no
Observation Time..... 0

Supervisor

Number of Tests..... 10

Calibration

Standard Type..... wet
Nominal..... 0.100
Nominal (Dry Gas)..... 0.100
Number of Tests..... 1

Printer

Printer On..... yes

Software Configuration

Data Collection..... yes

AS 4

Linearity Check Results

True Value	Reported Average	Std Dev
0.020 g/210L	0.019 g/210L	0.0005
Lot # 16-24-020		
0.080 g/210L	0.080 g/210L	0.0005
Lot # 16-38-080		
0.164 g/210L	0.160 g/210L	0.0004
Lot # 16-26-160		
0.368 g/210L	0.358 g/210L	0.0007
Lot # 17-15-360		

$R^2 = 0.9999$

Acetone Interference Test

Lot # 17-11-08A2

Interference Detected

Mouth Alcohol Test

Mouth Alcohol Detected

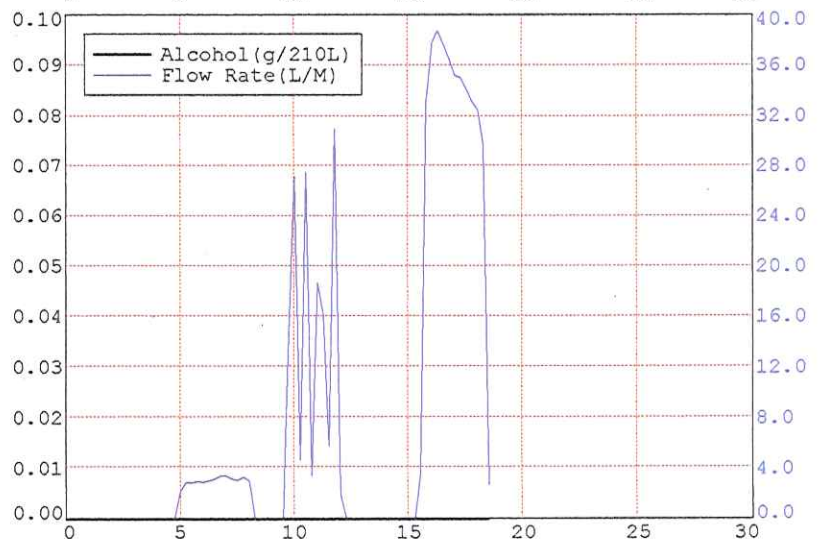
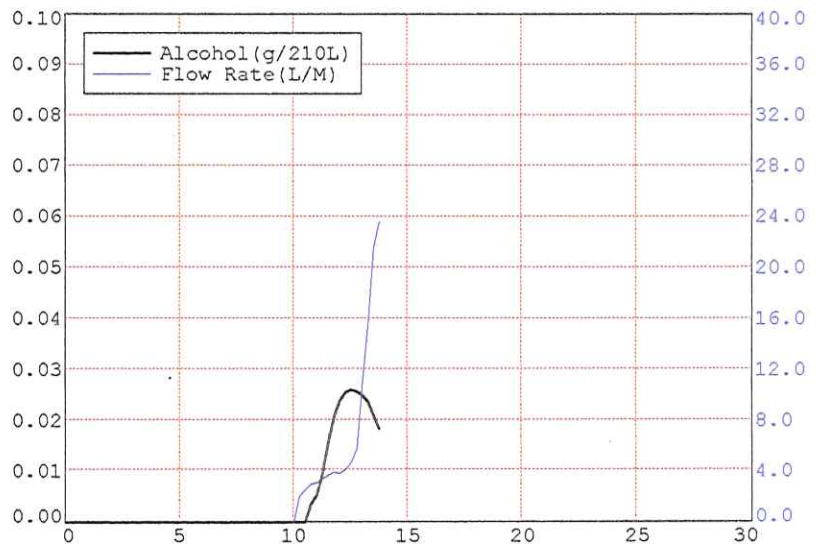
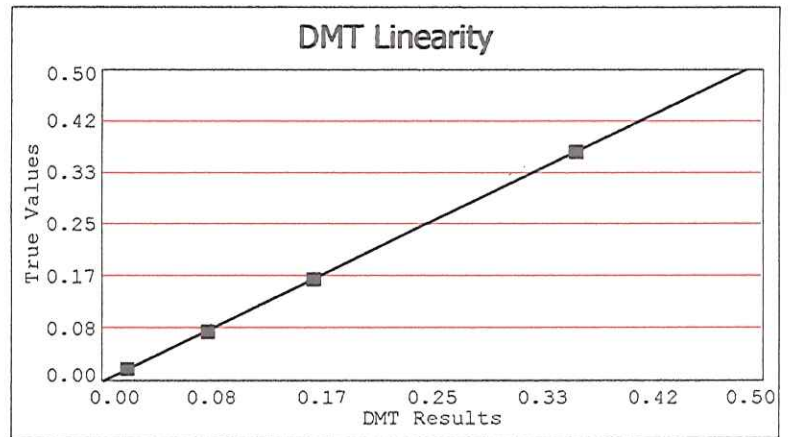
RF Detection Test

Passed

Sample Acceptance Test

Passed

CERTIFICATION PASSED



Performed by

AB RLS

Date

04/27/2017

Reviewed by

AB

Date

4/28/17

DMT Serial Number #100145

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04/27/2017 11:15 AM

AB 5

Re: review

Tighe, Tara

Fri 4/28/2017 11:32 AM

To: Bolduc, Amanda <Amanda.Bolduc@vermont.gov>;

Both DMT certs are good; Admin review passes. 100138 and 100145

Sent from my iPhone

On Apr 28, 2017, at 11:20 AM, Bolduc, Amanda <Amanda.Bolduc@vermont.gov> wrote:

Should have been 0.0005. I'll fix it.

A

From: Tighe, Tara

Sent: Friday, April 28, 2017 11:19:26 AM

To: Bolduc, Amanda

Subject: Re: review

So I have admin reviewed the DMT carts for 100138 good to go, and for 100145 please look at excel control chart for the .02 and the stdev listed otherwise good to go

Sent from my iPhone

On Apr 28, 2017, at 10:49 AM, Bolduc, Amanda <Amanda.Bolduc@vermont.gov> wrote:

UGH Keep me posted.

A

From: Tighe, Tara

Sent: Friday, April 28, 2017 10:47:56 AM

To: Bolduc, Amanda

Subject: Re: review

Computer issues at work now at home too, boo ☹

Sent from my iPhone

On Apr 28, 2017, at 10:45 AM, Bolduc, Amanda <Amanda.Bolduc@vermont.gov> wrote:

Rob's on the road today. They've all been technically reviewed. It's just the admin they need. Should I have him put them out of service until Monday?

A

From: Tighe, Tara
Sent: Friday, April 28, 2017 10:43:41 AM
To: Bolduc, Amanda
Subject: Re: review

FYI I'm having issues connecting. You need these signed by Monday

Sent from my iPhone

On Apr 28, 2017, at 9:24 AM, Bolduc, Amanda <Amanda.Bolduc@vermont.gov> wrote:

\\dps\shared\CJS\VFL\Bard\Public\LAB 1\SECTION
FOLDERS\ALCOHOL\Trisha's Shtuff To Do\Tara's
review

There are two DMT packets up for review please and
thank you!

Amanda Bolduc, MFS

Toxicology Section Supervisor
Vermont Forensic Laboratory
Department of Public Safety

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