

Start Date 4/14/17

DMT Serial # 100144

DMT Location Springfield PD

DMT Upgrade Checklist

	Initials	Date
• Install new Property Identification Tag Tag# <u>1000901</u>	<u>RCS</u> <u>4/14</u> <u>RCS 4/14/17</u>	<u>4/14/17</u>
• Download Data	<u>RCS</u>	<u>4/14/17</u>
• Upload New Software	<u>RCS</u>	<u>4/14/17</u>
• Install Intoximeters 12V500 conversion kit	<u>RCS</u>	<u>4/14/17</u>
• Performance check a new Guth 12V500 simulator using temp check form Sticker applied to sim? ☒	<u>RCS</u>	<u>4/17/17</u>
• Install new Guth 12V500 12V500 s/n: <u>MP3511</u>	<u>RCS</u>	<u>4/17/17</u>
• Verify adjustable flow rate valve installed (If no, install and set volume to 1.5L)	<u>RCS</u>	<u>4/14/17</u>
• Perform Calibration Protocol	<u>JS</u>	<u>4/14/17</u>
• Perform Certification Protocol	<u>JS</u>	<u>4/14/17</u>
• Calibration and certification review by analyst	<u>JS</u>	<u>4/17/17</u>
• Data logged into control charts	<u>JS</u>	<u>4/17/17</u>

Reviewed by: [Signature] Date: 4/17/2017

CALIBRATION REPORT

DataMaster DMT: 100144
Calibration Date: 04/14/2017
Calibrated by: DAVID PATLAK
Lot: 17-12-100



Ca	=	0.101		
CAL	=	0.968293	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	=	0.081	0.050	<= Xq < 0.200
a21	=	1.145600	1.050	<= a21 < 1.300
a31	=	0.418737	0.300	<= a31 < 0.800

BL-DMT 11152016
4/14/17

Performed by

DD

Date

04/14/2017



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100144

Date: 04/14/2017

Time: 13:42:26

SUPERVISOR NAME:

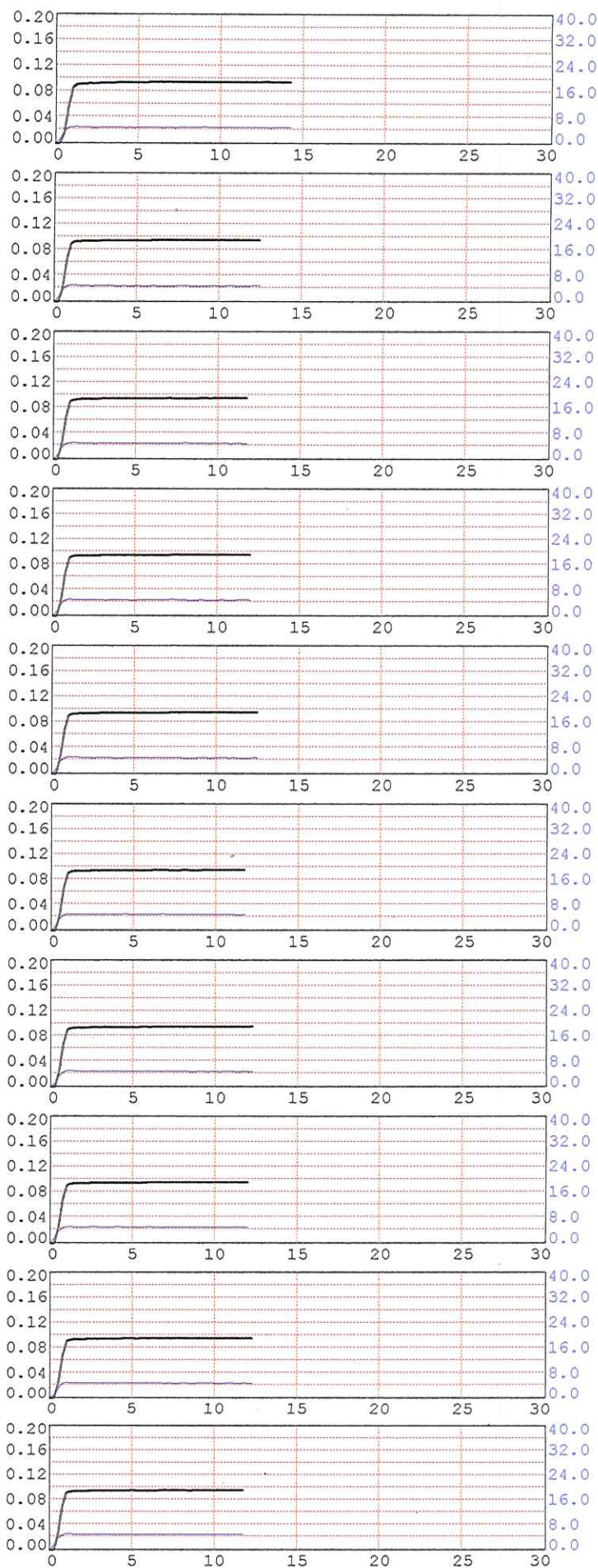
DJP CAL CHECK

SOLUTION LOT #: GUTH 16160

SOLUTION CONCENTRATION: 0.098

BLANK TEST	0.000	13:43
CALIBRATION CHECK	PASSED	13:43
SIMULATOR VAPOR 34.0°C	0.095	13:43
SIMULATOR VAPOR 34.0°C	0.096	13:44
SIMULATOR VAPOR 34.0°C	0.096	13:45
SIMULATOR VAPOR 34.0°C	0.096	13:46
SIMULATOR VAPOR 34.0°C	0.096	13:47
SIMULATOR VAPOR 34.0°C	0.096	13:49
SIMULATOR VAPOR 34.0°C	0.096	13:50
SIMULATOR VAPOR 34.0°C	0.096	13:51
SIMULATOR VAPOR 34.0°C	0.096	13:52
SIMULATOR VAPOR 34.0°C	0.096	13:53
BLANK TEST	0.000	13:54

Average = 0.095
Std Dev = 0.0003



CERTIFICATION REPORT

DataMaster DMT: 100144
Calibration Date: 04/14/2017
Certification Date: 04/14/2017
Certified by: JEFFERY DUKETTE



Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 45.2°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.66 V
Cooler Voltage = 1.66 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 5.527 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0762	0.0789
MIN (V)	0.0746	0.0772

FILTER INFO

Filter 1	0.078	Zero = true
Filter 2	0.701	Zero = true
Filter 3	1.598	Zero = true

CALIBRATION CHECK

Xq = 0.081 0.32%

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

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	0.077 g/210L	0.0004
Lot # 16-38-080		
0.164 g/210L	0.158 g/210L	0.0004
Lot # 16-26-160		
0.368 g/210L	0.357 g/210L	0.0005
Lot # 17-15-360		

$R^2 = 1$

Acetone Interference Test

Lot # 17-11-08A2

Interference Detected

Mouth Alcohol Test

Mouth Alcohol Detected

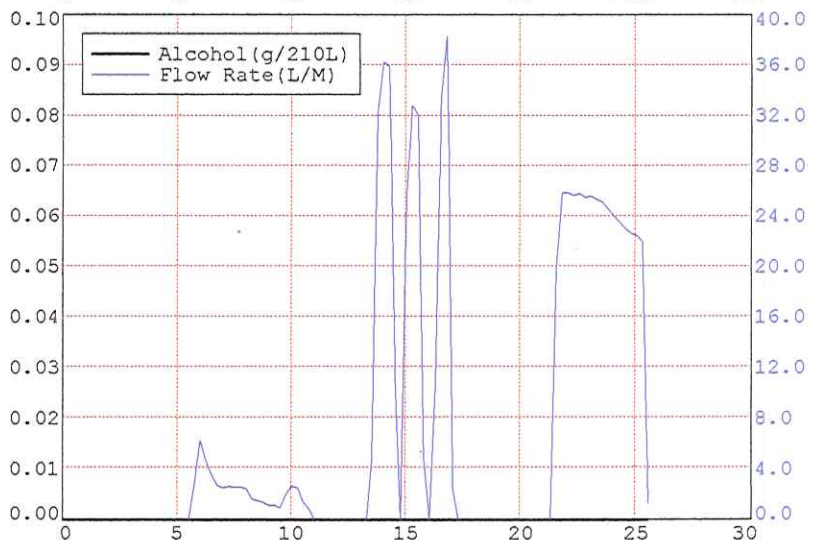
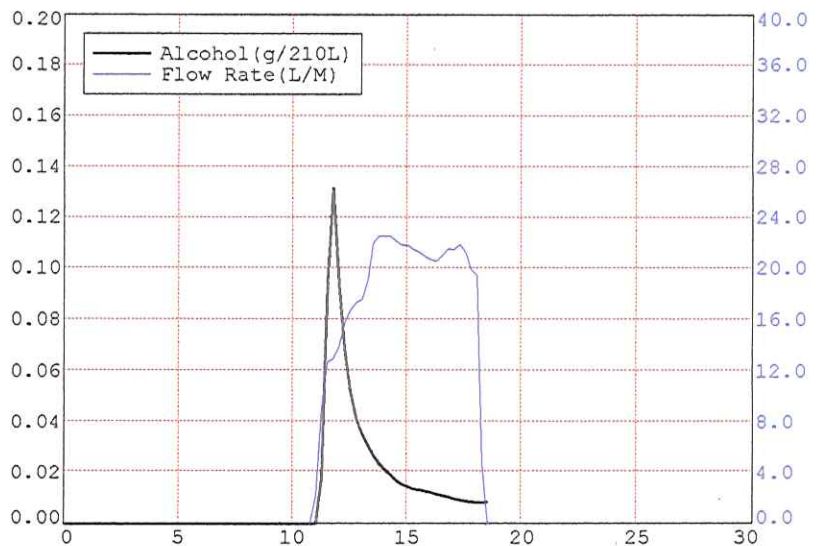
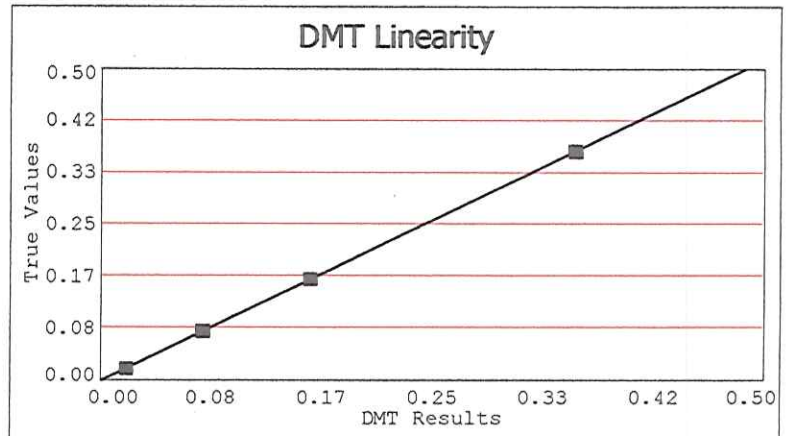
RF Detection Test

Passed

Sample Acceptance Test

Passed

CERTIFICATION PASSED



Performed by

JSO

Date

04/14/2017

Reviewed by

JSO

Date

4/17/17

DMT Serial Number #100144

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JSO