

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100146
Location: MIDDLESEX VSP
Calibration Date: 02/25/2016
Certification Date: 02/25/2016
Installation Date: 03/08/2016
RPC Date: 06/16/2016
Supervisor Name: CHELSEA S DELPHIA

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.6°C
Breath Tube = 46.4°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 549 Hz

PUMP INFO

Flow Rate = 5.983 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0770	0.0801
MIN(V)	0.0756	0.0789

FILTER INFO

Filter	Value	Zero
Filter 1	0.079	Zero = true
Filter 2	0.300	Zero = true
Filter 3	0.580	Zero = true

CALIBRATION CHECK

Xq = 0.087 3.91%

Routine Performance Check Passed

Accuracy and Precision Check

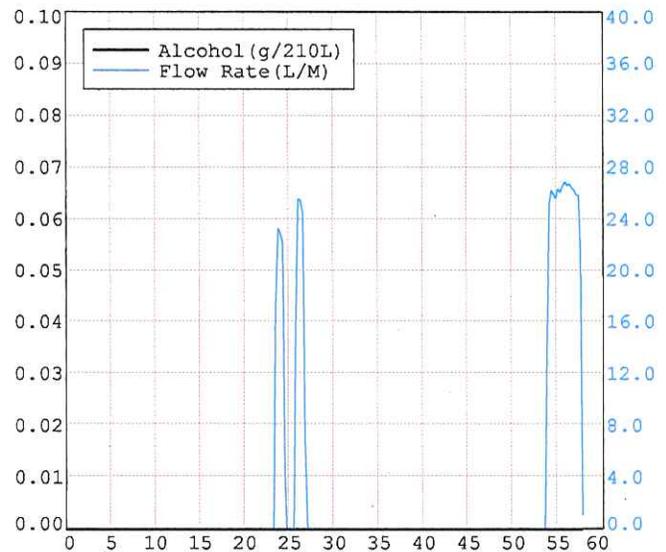
Concentration = 0.100 g/210L
Lot # = 15-25-100
Range = 0.095 - 0.105
Average = 0.099 g/210L
Std Dev = 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



See "check-in" for passing sample acceptance. See bluish

Performed by *[Signature]*

Date 06/16/2016

Reviewed by *[Signature]*

Date 6/16/16

DMT Serial Number #100146

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CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMaster DMT: 100146
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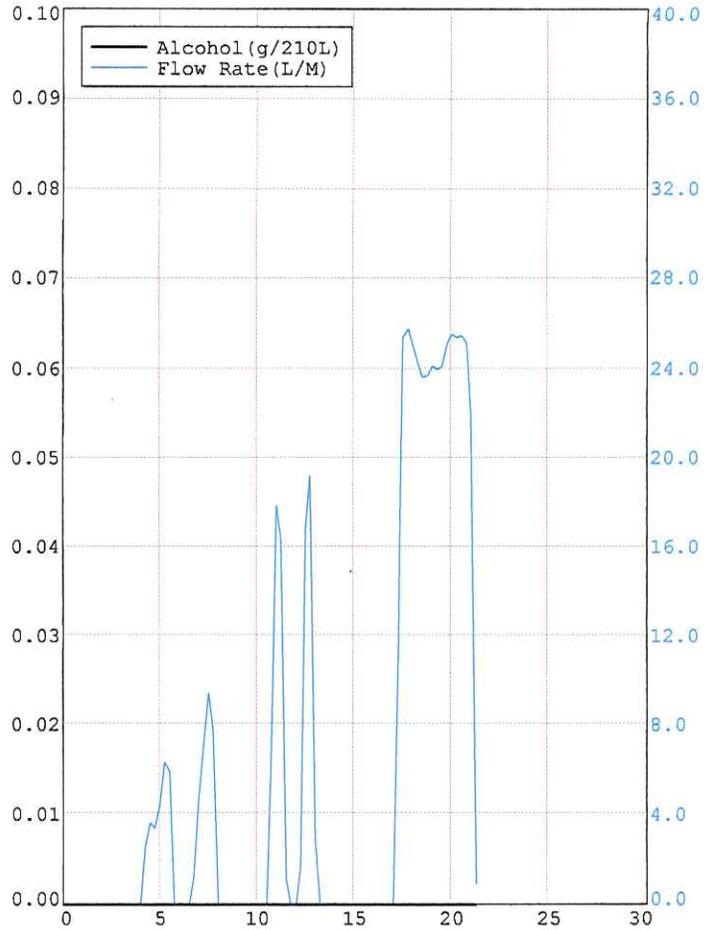
Date: 06/16/2016
Time: 12:53:19

SUBJECT NAME:
TEST TEST
DOB: 08/04/1993 AGE: 22
GENDER: M
LICENSE #: 55555555 VT

TEST OPERATOR NAME:
CHELSEA DELPHIA
AGENCY: MIDDLESEX VSP

BLANK TEST	0.000	12:54
CALIBRATION CHECK	PASSED	12:54
SIMULATOR VAPOR 34.1°C	0.099	12:54
SUBJECT SAMPLE (Vol=1.6L)	0.000	12:55
BLANK TEST	0.000	12:56

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.100
Sim. Vapor Range 0.095 - 0.105
Lot #: 15-25-100



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Calibration Date: 02/25/2016
Certification Date: 02/25/2016
Installation Date: 03/08/2016
RPC Date: 06/14/2016
Supervisor Name: CHELSEA S DELPHIA

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 551 Hz

PUMP INFO

Flow Rate = 5.980 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0925	0.0955
MIN(V)	0.0913	0.0939

FILTER INFO

Filter 1	0.095	Zero = true
Filter 2	0.316	Zero = true
Filter 3	0.607	Zero = true

CALIBRATION CHECK

Xq = 0.087 3.60%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by 

Date 06/14/2016

Reviewed by _____

Date _____

RE: Middlesex Datamaster

Delphia, Chelsea

Thu 6/16/2016 1:10 PM

To: Driscoll, Rob <Rob.Driscoll@vermont.gov>;

Rob,

This is done.

Thanks,
Chelsea

From: Driscoll, Rob
Sent: Thursday, June 16, 2016 12:40
To: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>
Subject: Re: Middlesex Datamaster

Chelsea,

I just received your RPC, but I noticed the Sample acceptance was missing the "shallow breath". Can you do a "check-in" test from the main screen, using "Test, Test" for the subject name (you can make up the other info) including all 4 breath samples in this order: Shallow breath (let most of the air go around the mouthpiece), intermittent breath, suck-back test, and 1.5L alcohol free sample. Please let me know when it is complete and I can print it off of our Host computer.

Thanks
Rob

Robert Driscoll
Vermont Forensic Laboratory
[45 State Drive](#)
[Waterbury, VT 05671](#)
Electronics Technician
Rob.Driscoll@Vermont.gov
Desk: (802) 241-5817
Cell: (802) 585-0123

From: Delphia, Chelsea
Sent: Thursday, June 16, 2016 11:56:33 AM
To: Driscoll, Rob; Maurice, Crista
Subject: RE: Middlesex Datamaster

Rob,

We ran another RPC today after the diagnostic and it passed.

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Thanks,
Chelsea

From: Driscoll, Rob
Sent: Thursday, June 16, 2016 07:01
To: Maurice, Crista <Crista.Maurice@vermont.gov>
Cc: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>
Subject: RE: Middlesex Datamaster

Crista,

Sorry as I was not in the office yesterday. Please run a Diagnostic test and look at the Cal Check %. It needs to be less than 4%. Also make sure there are no cleaning supplies around the instrument.

Thanks,
Rob

Robert Driscoll
Vermont Forensic Laboratory
45 State Drive
Waterbury, VT 05671
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Rob.Driscoll@Vermont.gov
Desk: (802) 241-5817
Cell: (802) 585-0123

From: Maurice, Crista
Sent: Tuesday, June 14, 2016 4:13 PM
To: Driscoll, Rob
Cc: Delphia, Chelsea
Subject: Middlesex Datamaster

Rob,

Chelsea and I were trying to do the RPC today and the Datamaster showed the Calibration Check Error again.

After the 30 minute wait period, the error window came up during the diagnostic check. It never made it to the accuracy and precision check.

I have sent an email out to the troops to not use it until further notice.

I will not be in the office for the rest of the month. Please reach out to Chelsea if you need anything from us. I CC'd her in this email.

Thanks,
Crista

Trooper Crista Maurice & K9 Cole
Vermont State Police - Middlesex
1080 US Rte 2
Middlesex, Vermont

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