

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100146
Location: MIDDLESEX VSP
Calibration Date: 03/27/2017
Certification Date: 03/27/2017
Installation Date: 03/28/2017
RPC Date: 10/15/2019
Supervisor Name: CHELSEA DELPHIA

Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 47.3°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 553 Hz

PUMP INFO

Flow Rate = 4.863 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.5150	0.5181
MIN(V)	0.5136	0.5165

FILTER INFO

Filter	Value	Zero
Filter 1	0.517	true
Filter 2	0.727	true
Filter 3	0.972	true

CALIBRATION CHECK

Xq = 0.080 1.20%

Routine Performance Check Passed

Accuracy and Precision Check

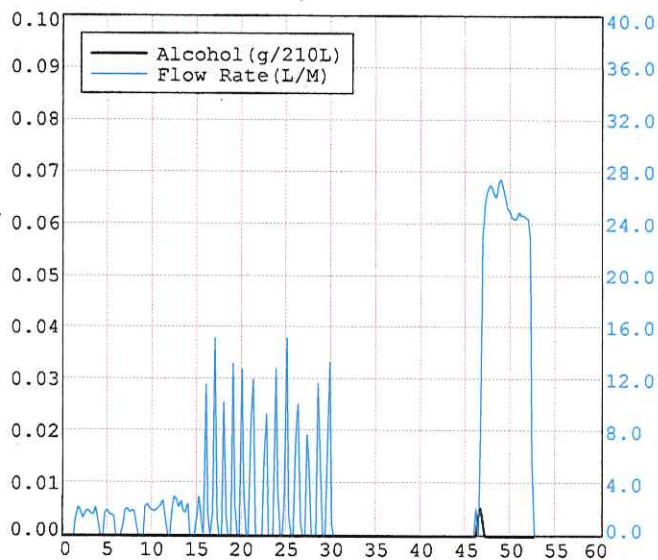
Concentration	= 0.101 g/210L
Lot #	= 19-10-100
Range	= 0.096 - 0.106
Average	= 0.097 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Date 10/15/2019

Reviewed by

Date 10/25/19

DMT Serial Number #100146

Page 1 of 1

10/15/2019 2:13 PM

100146

SD page 1 of 5



CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMaster DMT: 100146
Location: MIDDLESEX VSP
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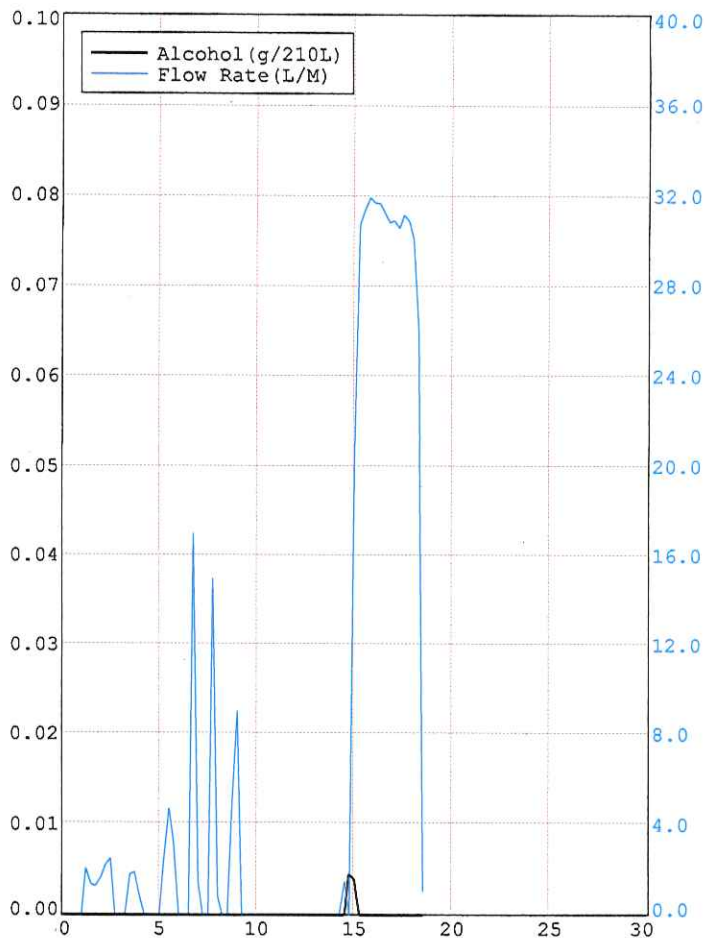
Date: 10/16/2019
Time: 14:46:00

SUBJECT NAME:
TEST RPC
DOB: 08/04/1993 AGE: 26
GENDER: F

TEST OPERATOR NAME:
CHELSEA DELPHIA
AGENCY: MIDDLESEX VSP

BLANK TEST	0.000	14:46
CALIBRATION CHECK	PASSED	14:47
SIMULATOR VAPOR 34.0°C	0.096	14:47
SUBJECT SAMPLE (Vol=1.7L)	0.000	14:48
BLANK TEST	0.000	14:48

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.101
Sim. Vapor Range 0.096 - 0.106
Lot #: 19-10-100



+ blip in black line
JSD 10/17/19



CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMaster DMT: 100146
Location: MIDDLESEX VSP
Certification Date: 03/27/2017
Installation Date: 03/28/2017

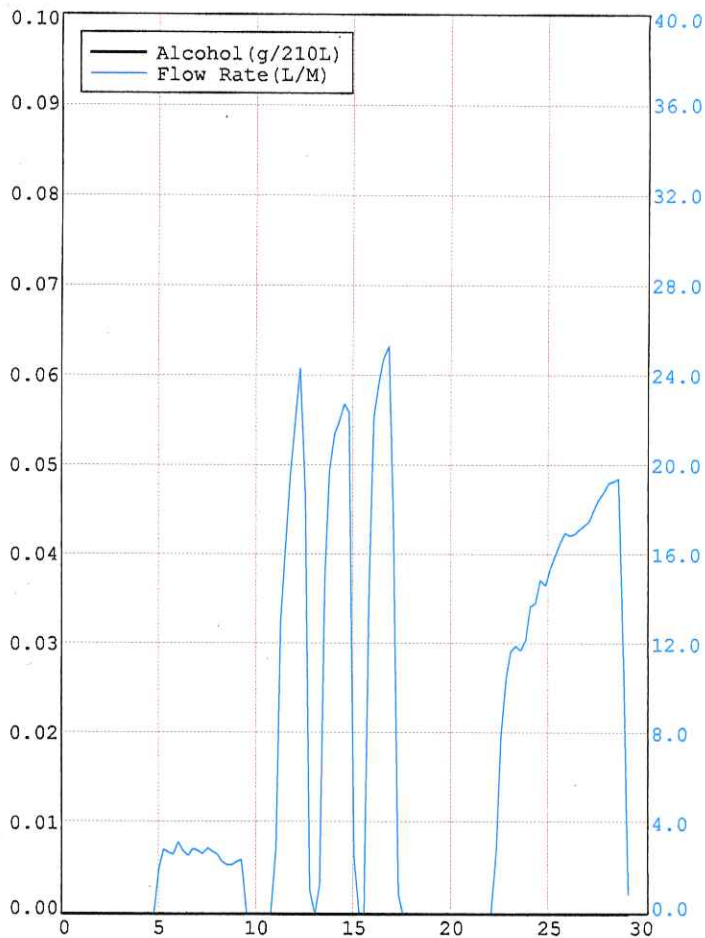
Date: 10/16/2019
Time: 15:29:57

SUBJECT NAME:
TEST RPC
DOB: 01/01/1990 AGE: 29
GENDER: M

TEST OPERATOR NAME:
JEFFERY DUKETTE
AGENCY: VFL

BLANK TEST	0.000	15:30
CALIBRATION CHECK	PASSED	15:30
SIMULATOR VAPOR 34.0°C	0.097	15:31
SUBJECT SAMPLE (Vol=1.7L)	0.000	15:32
BLANK TEST	0.000	15:33

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.101
Sim. Vapor Range 0.096 - 0.106
Lot #: 19-10-100



Re: DMT RPC Sample Acceptance

Dukette, Jeffery

Wed 10/16/2019 2:56 PM

To: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>

You can try again, but until we are able to get a passing sample acceptance the DMT will need to be placed out of service. I am pulling up the new record now

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From: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>

Sent: Wednesday, October 16, 2019 2:55:00 PM

To: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>

Subject: RE: DMT RPC Sample Acceptance

So, that black line popped up again. I understand that that's not good but, is this something we can still use until it's resolved?

From: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>

Sent: Wednesday, October 16, 2019 2:37 PM

To: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>

Subject: Re: DMT RPC Sample Acceptance

Yeah, there are not instructions during a check in because that's a different kind of test. I should been more clear. My bad. Thanks for taking care of it again!

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From: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>

Sent: Wednesday, October 16, 2019 2:36:23 PM

To: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>

Subject: RE: DMT RPC Sample Acceptance

My bad, I was wondering about that but it didn't say that on the screen. I'll take care if it right now.

From: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>

Sent: Wednesday, October 16, 2019 2:35 PM

To: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>

Subject: Re: DMT RPC Sample Acceptance

In the check in, you only did the 1.5 L breath. Can you please do another check in, but do your normal sample acceptance? i.e. shallow, intermittent, suck back, and 1.5 L.
Thanks!

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From: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>

Sent: Wednesday, October 16, 2019 11:47:46 AM

To: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>

Subject: RE: DMT RPC Sample Acceptance

100146

350

41

Jeff,

I think this is all set. If it's not, let me know and I'll do it again.

Thank you,
Chelsea

From: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>
Sent: Wednesday, October 16, 2019 11:01 AM
To: Delphia, Chelsea <Chelsea.Delphia@vermont.gov>
Cc: DPS - DMT <DPS.DMT@vermont.gov>
Subject: DMT RPC Sample Acceptance

Good morning Chelsea,

I noticed a blip on the alcohol during your sample acceptance on the RPC. Nothing wrong on your end, but sometimes there is a little spike in detector voltage causing the black line to pop above the baseline.

Can you please perform another sample acceptance on the DMT using the check in function? Select Run -> Check In -> Enter "Test" "RPC" for first and last name and your information. Should only take ~5-10 minutes

Thanks!

Jeff Dukette
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Jeffery.Dukette@vermont.gov

100146

jsd

5