

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100160
 Location: ST. ALBANS PD
 Calibration Date: 05/12/2020
 Certification Date: 05/12/2020
 Installation Date: 10/22/2021
 RPC Date: 07/02/2022
 Supervisor Name: KEITH P MCMAHON

Diagnostic Results

VERSIONS

DMT: 2.06
 PIC: 2.08
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 48.5°C
 Breath Tube = 44.0°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
 Cooler Voltage = 1.66 V
 Bias Voltage = 80 V
 Chopper Freq = 544 Hz

PUMP INFO

Flow Rate = 4.975 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0386	-0.0313
MIN (V)	-0.0417	-0.0346

FILTER INFO

Filter	Value	Zero
Filter 1	-0.034	true
Filter 2	0.279	true
Filter 3	1.451	true

CALIBRATION CHECK

Xq = 0.085 2.78%

Routine Performance Check Failed

Reason: SAMPLE ACCEPTANCE TEST FAILED

Accuracy and Precision Check

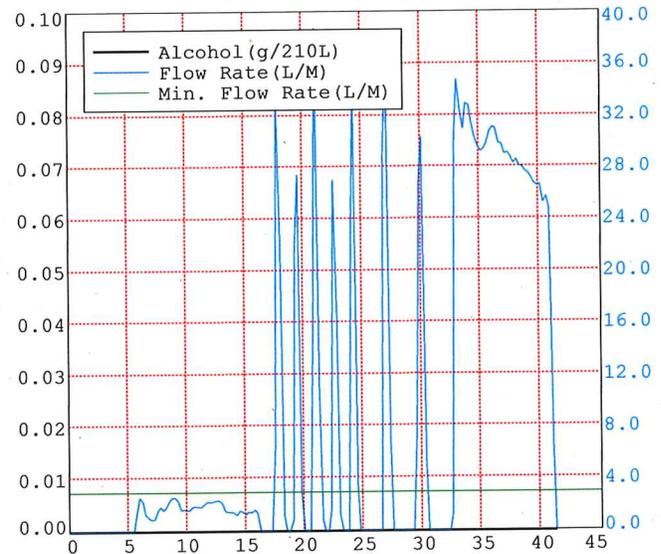
Concentration = 0.099 g/210L
 Lot # = 22-01-100
 Range = 0.094 - 0.104
 Average = 0.096 g/210L
 Std Dev = 0.0005

RF Detection Test

Passed
 RF detected

Sample Acceptance Test

Failed
 Blank Error



Performed by _____

Date _____

07/02/2022

Reviewed by _____

Date _____

100160

SDS

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RPC Date: 07/02/2022
Supervisor Name: KEITH P MCMAHON

Diagnostic Results

VERSIONS

DMT: 2.06
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 42.2°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.66 V
Bias Voltage = 80 V
Chopper Freq = 544 Hz

PUMP INFO

Flow Rate = 4.945 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0392	-0.0323
MIN (V)	-0.0427	-0.0364

FILTER INFO

Filter 1	-0.035	Zero = true
Filter 2	0.279	Zero = true
Filter 3	1.449	Zero = true

CALIBRATION CHECK

Xq = 0.086 1.19%

Routine Performance Check Failed
Reason: RF NOT DETECTED

Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 22-01-100
Range	= 0.094 - 0.104
Average	= 0.096 g/210L
Std Dev	= 0.0005

RF Detection Test

Failed
RF not detected

Performed by _____

Date

07/02/2022

Reviewed by _____

Date

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Supervisor Name: KEITH P MCMAHON

Diagnostic Results

VERSIONS
DMT: 2.06
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.6°C
Breath Tube = 43.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.66 V
Bias Voltage = 80 V
Chopper Freq = 544 Hz

PUMP INFO

Flow Rate = 4.924 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0506	-0.0435
MIN (V)	-0.0522	-0.0470

FILTER INFO

Filter 1	-0.046	Zero = true
Filter 2	0.266	Zero = true
Filter 3	1.437	Zero = true

CALIBRATION CHECK

Xq = 0.085 2.38%

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev
Interference Detected

Performed by _____

A handwritten signature in blue ink is written over the line.

Date _____

07/02/2022

Reviewed by _____

Date _____

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100160
Location: ST. ALBANS PD
Calibration Date: 05/12/2020
Certification Date: 05/12/2020
Installation Date: 10/22/2021
RPC Date: 06/24/2022
Supervisor Name: KEITH P MCMAHON

Diagnostic Results

VERSIONS
DMT: 2.06
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 42.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.66 V
Bias Voltage = 80 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 4.941 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0640	-0.0567
MIN (V)	-0.0667	-0.0602

FILTER INFO

Filter 1	-0.059	Zero = true
Filter 2	0.254	Zero = true
Filter 3	1.423	Zero = true

CALIBRATION CHECK

Xq = 0.086 2.08%

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev
Interference Detected

Performed by _____

Date _____

06/24/2022

Reviewed by _____

Date _____

Re: June RPC

Keith McMahon <keith.mcmahon@stalbanspd.com>

Tue 2022-07-05 3:38 PM

To:

- DPS - DMT <DPS.DMT@vermont.gov>

EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.

Hi. I did manage to get it to pass. After several several attempts. It just kept saying interference when doing the 5 tests. It did this a few times. Then one time the screen froze as soon as I did the radio interference test. Then once it had some "blank error" at some point and failed. Then I had to Leave to regain my composure and came back a few hours later and ran another test and it finally passed.

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From: DPS - DMT <DPS.DMT@vermont.gov>

Sent: Tuesday, July 5, 2022 3:35:44 PM

To: Keith McMahon <Keith.McMahon@stalbanspd.com>

Subject: June RPC

Good afternoon,

I got your voicemail about the difficulties you were having with the DMT. However, I also see we have a passing RPC from you. Could you tell me what happened? Did you just try it one more time and it worked? Does the DMT still say 'Communication Error' on the screen? If you would prefer to call me I will be at my desk all day tomorrow.

Thank you,

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

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Call Log

Person	Date	Type	VFL Staff	Case/DMT	Content
Sgt McMahon	7/1/2022	Phone	SGS	St Albans PD	Sgt McMahon called regarding the interference error he received while attempting to perform the RPC. He stated he noticed no interferences in the room. I advised him to try the RPC again, though changing the sim solution again would not be necessary. He advised he would and that he would call back if he encountered any problems.
Sgt McMahon	7/2/2022	Voicemail	SGS	St Albans PD	Tried to re-run RPC and got another interference error during the A&P. Tried again and it locked up in the RF portion after he keyed his radio- selected fail. Now says 'Communication Error' and will not allow him to run the RPC. The communication error alternates with 'Ready- Push Run'. Asked for a call back on his cell 802-782-7155 to arrange a tech visit.

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Re: DMT RPCs and 4th of July
 Keith McMahon <keith.mcmahon@stalbanspd.com>
 Fri 2022-07-01 10:04 AM
 To:

- DPS - DMT <DPS.DMT@vermont.gov>

EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.

Hi this is sgt mcmahon. I tried to do an rpc ajd fluid change last week and it failed due to "interference" but there was no interference.

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From: DPS - DMT <DPS.DMT@vermont.gov>

Sent: Friday, July 1, 2022 9:56:07 AM

To: Murphy, Brianna <Brianna.Murphy@vermont.gov>; Eastman, Larry <Larry.Eastman@vermont.gov>; Kirkpatrick, Troy <Troy.Kirkpatrick@vermont.gov>; Keefe, Michael <Michael.Keefe@vermont.gov>; Tuttle, Ian <Ian.Tuttle@vermont.gov>; Lt Joel R Howard <Joel.Howard@benningtonsheriff.org>; Christopher.Miller <Christopher.Miller@benningtonsheriff.org>; Jason.thomas@benningtonsheriff.org <Jason.thomas@benningtonsheriff.org>; Stemp, Joshua <Joshua.Stemp@vermont.gov>; Tiersch, Steven <Steven.Tiersch@vermont.gov>; Monteith, Mark <Mark.Monteith@vermont.gov>; Bassette, Chad <Chad.Bassette@vermont.gov>; VonSchleusingen, Michael <Michael.VonSchleusingen@vermont.gov>; Petlock, Adam <Adam.Petlock@vermont.gov>; Evans, Jeremy <Jeremy.Evans@vermont.gov>; Cable, Michael <Michael.Cable@vermont.gov>; matthew.collins@vermont.gov <matthew.collins@vermont.gov>; Trieb, Sarah <strieb@bpdvt.org>; phartnett <phartnett@bpdvt.org>; Mellis Dwayne <dmellis@bpdvt.org>; Szarejko, Justin <Justin.Szarejko@vermont.gov>; victor.bitca@colchesterpdvt.org <victor.bitca@colchesterpdvt.org>; christopher.jones@colchesterpdvt.org <christopher.jones@colchesterpdvt.org>; Ptl. Michael West <michael.west@colchesterpdvt.org>; Morris, Sam <Sam.Morris@vermont.gov>; Colby, Trevor <Trevor.Colby@vermont.gov>; Ryon Sorrell <rsorrell@ESSEX.ORG>; jdunn@essex.org <jdunn@essex.org>; Benjamin Chiaravalle <bchiaravalle@essex.org>; Kerber, Dale <Dale.Kerber@vermont.gov>; Bossong, James <James.Bossong@vermont.gov>; james.lynch@fcsovt.com <james.lynch@fcsovt.com>; nathan.vaillancourt@fcsovt.com <nathan.vaillancourt@fcsovt.com>; Miles, Chad <Chad.Miles@vermont.gov>; Allen, Blake <Blake.Allen@vermont.gov>; Allen, Ray <Ray.Allen@vermont.gov>; Dustin.Abell@vermont.gov <Dustin.Abell@vermont.gov>; Scott Gagnon <sgagnon@hardwickpolice.com>; Eric Clifford <eclifford@hartford-vt.org>; Daniel Solomita <dsolomita@hartford-vt.org>; Hulshof, Jeremy <Jeremy.Hulshof@vermont.gov>; Casco, Caleb <Caleb.Casco@vermont.gov>; Robert Montgomery <whit@Killingtontown.com>; Hoffman, Michael <Michael.Hoffman@vermont.gov>; Christian.Watson@lamoillesheriff.org <Christian.Watson@LamoilleSheriff.org>; steven.mitchell@lamoillesheriff.org <steven.mitchell@lamoillesheriff.org>; Warfle, Jeffrey <Jeffrey.Warfle@vermont.gov>; King, Richard <Richard.King@vermont.gov>; Harris, Jason <Jason.Harris@vermont.gov>; Matteson, Ryan <Ryan.Matteson@vermont.gov>; Christopher Mason <cmason@middleburypolice.org>; Jared Harrington <jharrington@middleburypolice.org>; Casey Covey <ccovey@middleburypolice.org>; Locke, Paul <Paul.Locke@vermont.gov>; Jones, Noi <Noi.Jones@vermont.gov>; Christopher Quesnel <CQuesnel@montpelier-vt.org>; Chad Bean <CBean@montpelier-vt.org>; Mike Goslin <mgoslin@montpelier-vt.org>; smccullough <smccullough@morristownvt.org>; phughes <phughes@morristownvt.org>; Chris Tetreault <ctetreault@morristownvt.org>; llamb <llamb@morristownvt.org>; Charles Moulton <charles.moulton@newportpd.org>; Gero, Michael <Michael.Gero@vermont.gov>; Willey, Levi <Levi.Willey@Vermontgov.onmicrosoft.com>; Bariteau, J <jbariteau@orangecountysheriff.com>; Wayne Briggs <wbriggs@orangecountysheriff.com>; paul.f.barnard@vermont.gov <paul.f.barnard@vermont.gov>; Stalnaker, Loretta <Loretta.Stalnaker@vermont.gov>; Gardner, Oscar <Oscar.Gardner@vermont.gov>; Whitehead, Charles <Charles.Whitehead@vermont.gov>; Maguire, Sean <Sean.Maguire@vermont.gov>; Brady, Ryan <Ryan.Brady@vermont.gov>;

<https://outlook.office365.com/mail/DPS.DMT@vermont.gov/AAMkAGEwZjNmZiY6LTVMmNzUtNDc1Mi05YjFjLWFjMjYhMGNIYVWmZQAuAAAAAADZM...> 1/2

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Bradley Miller <bradley.miller@shelburnepdvt.org>; ssuperneau@sbpdvt.org <ssuperneau@sbpdvt.org>; Fitzgibbons, Jeremy <Jeremy.Fitzgibbons@vermont.gov>; Keith.McMahon@stalbanspd.com <Keith.McMahon@stalbanspd.com>; Joseph.Thomas@stalbanspd.com <Joseph.Thomas@stalbanspd.com>; kaylie.cadorete@stalbanspd.com <kaylie.cadorete@stalbanspd.com>; Mbickford@stjvt.com <mbickford@stjvt.com>; shartwell@stjvt.com <shartwell@stjvt.com>; Donald Jenness <djenness@stowevt.gov>; Benjamin Cavarretta <bcavarretta@stowevt.gov>; Gilbert, Donald <Donald.Gilbert@vermont.gov>; Jeffrey Favreau <jeffrey.favreau@uvm.edu>; O'Neill, Adam <Adam.ONeill@vermont.gov>; Harter, Jill <Jill.Harter@vermont.gov>; Marsh, Gregory <Gregory.Marsh@vermont.gov>; Jensen, Andrew <Andrew.Jensen@vermont.gov>; Maurice, Crista <Crista.Maurice@vermont.gov>; Delphia, Chelsea <Chelsea.Delphia@vermont.gov>; Rancourt, Tylor <Tylor.Rancourt@vermont.gov>; Gurwicz, Joshua <Joshua.Gurwicz@vermont.gov>; Szarejko, Joseph T <Joseph.T.Szarejko@vermont.gov>; Chin, Matthew <Matthew.Chin@vermont.gov>; Stearns, Steven <Steven.Stearns@vermont.gov>; Knapp, Kelsey <Kelsey.Knapp@vermont.gov>; Stevens, Kyle <Kyle.Stevens@vermont.gov>; Gardner, Ryan <Ryan.Gardner@vermont.gov>; Schutt, Steven <Steven.Schutt@vermont.gov>; Loomis, Seth <Seth.Loomis@vermont.gov>; Irwin, Benjamin <Benjamin.Irwin@vermont.gov>; Boudreau, Seth <Seth.Boudreau@vermont.gov>; Cucinelli, Jessica <Jessica.Cucinelli@vermont.gov>; Irish, Katie <Katie.Irish@vermont.gov>; Conte, Matthew <Matthew.Conte@vermont.gov>; Underwood, Andrew <Andrew.Underwood@vermont.gov>; Haley, Jason <Jason.Haley@vermont.gov>; Brennan, Sean <Sean.Brennan@vermont.gov>; Garces, David <David.Garces@vermont.gov>; Waitekus, John <John.Waitekus@vermont.gov>; White, Ashlee <Ashlee.White@vermont.gov>; Soule, Austin <Austin.Soule@vermont.gov>; Mills, Gregory <Gregory.Mills@vermont.gov>; Sweet, Brandon <Brandon.Sweet@vermont.gov>; Meyer, Bret <Bret.Meyer@vermont.gov>; Eric Shepard <esh Shepard@willistonpdvt.org>; Claffy, Brian <bclaffy@willistonpdvt.org>; Hammond, Shawn <Shawn.Hammond@vermont.gov>; Murano, Matthew <Matthew.Murano@vermont.gov>; Condon, Jered <Jered.Condon@vermont.gov>; Rogers, Jeremiah <Jeremiah.Rogers@vermont.gov>; Tienken, Derrick <Derrick.Tienken@vermont.gov>; James Charkalis <jcharkalis@winooskipolice.com>; Dean Fullerton <dfullerton@winooskipolice.com>; Jacob Holmes <jholmes@townofwoodstock.org>; Holly Ellis <hellis@windhamcountyvt.gov>

Subject: DMT RPCs and 4th of July

Good morning everyone,

This weekend is the 4th of July weekend, which tends to be one of our biggest holidays in terms of DUIs. Thank you to everyone who has already performed their RPC/reached out regarding instrument maintenance. We still have a few instruments for which the RPC has not been completed yet- the DMT will not allow any tests to be run until the RPC is successfully completed. The DMTs that still need the RPC are a bit clustered so if you are counting on using the DMT at a neighboring agency, you might want to think again! Please try to complete the June RPC as soon as possible or check the status of your neighboring agencies to save your officers the hassle of bouncing from agency to agency in search of a working DMT. As always, if you have any questions, please reach out!

Stay safe out there and happy 4th of July!

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

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