



VERMONT FORENSIC LABORATORY

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DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Bellows Falls PD DataMaster Serial #: 100169

Date: 1/19/2016 Requestor: Jeffrey Dukette

Instrument Supervisor: Michael Keefe Phone #: (802) 463-1234

Taken By: Robert Driscoll

Problem: While checking DM Host, Alcohol program staff noticed that the simulator solution was above the 5% acceptable range during a breath test. The agency was told to put the instrument out of service until which time the DMT Supervisor would be available to run some tests.

Laboratory Response: DMT Supervisor found the simulator paddle not spinning. He was able to get the paddle started, but it failed again the following day. Alcohol program staff will investigate the paddle issue onsite.

Work Performed: The simulator paddle was found to be working intermittently. After manually turning the paddle, it was determined that the motor was bad. Replaced the simulator with Guth S/N G7454. The temperature was verified at 34.1 degrees C using NIST traceable thermometer S/N 111814367. Matched the NIST temperature to the display screen and completed a solution change protocol.

On Site In-house

Attachments: 4 pages

Performed By: Robert Driscoll *RCO*

Date: 1/22/2016

Final Review: *[Signature]*

Date: 1/22/16

SOLUTION CHANGE

DataMaster DMT: 100169
Location: Bellows Falls PD
Date: 01/21/2016
Performed by: ROBERT DRISCOLL



Accuracy and Precision Check

Concentration = 0.099 g/210L
Lot # = 15-24-100
Range = 0.094 - 0.104
Average = 0.101 g/210L
Std Dev = 0.0005

Simulator Temperature: 34.1°C

LAST Thermometer s/n 111814367 34.1°C
RCD
1/21/16

Performed by RD RCD Date 01/21/2016

DPS - DMT

From: Brown, Steven
Sent: Tuesday, January 19, 2016 8:12 AM
To: DPS - DMT
Subject: FW: DataMaster DMT

Can you please make sure this email is posted online.

Steven M. Brown
Windham County Deputy State's Attorney
P.O. Box 785
Brattleboro, VT 05302
802.257.2860 voice
802.257.2864 fax

Please note new email address: steven.brown@vermont.gov

From: Keefe, Michael [<mailto:Michael.Keefe@vermont.gov>]
Sent: Monday, January 18, 2016 5:11 PM
To: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>
Cc: Brown, Steven <Steven.Brown@vermont.gov>
Subject: RE: DataMaster DMT

Jeffrey,

The solution failed high on a test that was a refusal. I figured out after changing the solution right after, that the paddle was not turning and that the solution temp was 3 degrees above the allowable range when doing the solution change protocol. I followed the steps in the manual to fix the problem. The paddle started moving again albeit sluggishly at first when I gave it a light tap as it says to do in the manual. After getting the paddle going again I did the solution change protocol after waiting for the temp range to come back down below 34.5 degrees.

I will take the unit out of service until instructed by you on how to proceed.

Corporal Michael Keefe

Bellows Falls Police Department
170 Rockingham Street
Bellows Falls, VT 05101
(802)-463-1234 Office
(802)-376-9835 Cell
(802)-463-4574 Fax
michael.keefe@vermont.gov

From: Dukette, Jeffery
Sent: Friday, January 15, 2016 9:14 AM
To: Keefe, Michael
Cc: Bolduc, Amanda
Subject: DataMaster DMT

Hi Michael,

Rob is on the road today so I'm writing to follow up on the DMT. We noticed that the simulator solution failed high last night for one of the tests and you performed a solution change protocol early this morning. It appears that the last test run back in November also had a sim. out of range error. I wanted to see if you could run a couple tests for us for look at. We would like you to run a diagnostic test and then perform an accuracy and precision test. Until we are able to take a further look at it, the instrument will need to be put out of service. I spoke with the dept. earlier and heard that you are out of the office for the weekend. I will contact the dept. again to put the instrument out of service for the time being. Please let us know when you have had the chance to run these tests. Feel free to contact us with any questions.

Thanks,

Jeff Dukette

Forensic Chemist

Vermont Forensic Laboratory

45 State Drive

Waterbury, VT 05671

(802) 241-5275

Jeffery.Dukette@vermont.gov

Driscoll, Rob

From: Keefe, Michael
Sent: Wednesday, January 20, 2016 2:58 AM
To: Driscoll, Rob
Cc: Brown, Steven
Subject: dmt

Hey Rob,

The paddle is not working again. I attempted to do the accuracy and precision test as you requested and it timed out on the first attempt. It is out of service still and will need to be repaired.

Corporal Michael Keefe

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