

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 103406
 Location: Orleans County SO
 Calibration Date: 02/22/2012
 Certification Date: 02/22/2012
 Installation Date: 07/17/2014
 RPC Date: 02/26/2016
 Supervisor Name: JONATHAN H MACFARLANE

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.9°C
 Breath Tube = 47.4°C
 Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.74 V
 Cooler Voltage = 2.03 V
 Bias Voltage = 120 V
 Chopper Freq = 545 Hz

PUMP INFO

Flow Rate = 4.018 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0756	0.0772
MIN(V)	0.0740	0.0754

FILTER INFO

Filter	Value	Zero
Filter 1	0.076	true
Filter 2	0.893	true
Filter 3	0.217	true

CALIBRATION CHECK

Xq = 0.123 1.16%

Routine Performance Check Passed

Accuracy and Precision Check

Concentration	= 0.094 g/210L
Lot #	= 15-09-100
Range	= 0.089 - 0.099
Average	= 0.097 g/210L
Std Dev	= 0.0005

RF Detection Test

Passed

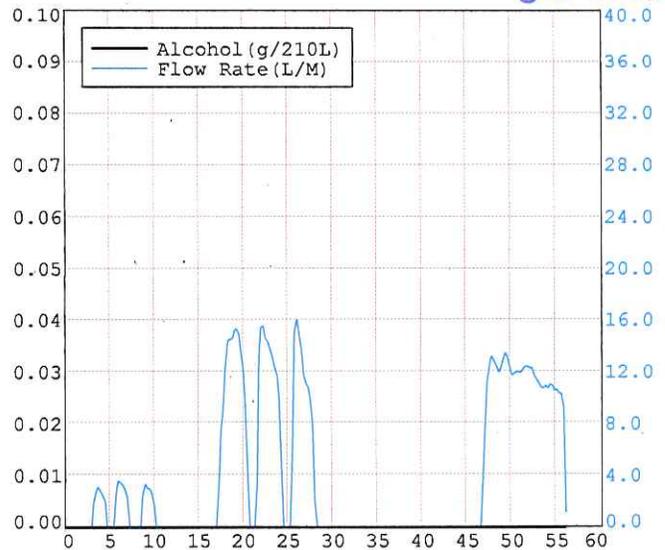
Sample Acceptance Test

Passed

*Incorrect concentration.
 ← Called Orleans County SO
 and requested the instrument
 be put out of service
 until SSC could be run.
 No breath tests were performed
 b/w RPC date and review date.*

JSD 2/29/16

*see attached email &
 SSC JSD 3/3/16*



Performed by _____

Date 02/26/2016

Reviewed by _____

Date 3/3/16

[Signature]
 3/7/16

DMT Serial Number #103406

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JSD 3/3/16

SOLUTION CHANGE

DataMaster DMT: 103406
Location: Orleans County SO
Date: 03/03/2016
Performed by: JONATHAN H MACFARLANE



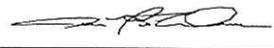
Accuracy and Precision Check

Concentration = 0.099 g/210L
Lot # = 15-09-100
Range = 0.094 - 0.104
Average = 0.095 g/210L
Std Dev = 0.0004

JSD
3/3/16

Simulator Temperature: 33.8°C

Performed by



Date

03/03/2016

Dukette, Jeffery

From: MacFarlane, Jonathan
Sent: Thursday, March 03, 2016 12:06 PM
To: Dukette, Jeffery
Subject: RE: DMT Routine Performance Check

Jeff,

Thank you for the heads up as I saw yesterday it was out of service. I was unaware of the error and will correct it today.

Deputy MacFarlane

From: Dukette, Jeffery
Sent: Thursday, March 03, 2016 8:34 AM
To: MacFarlane, Jonathan
Cc: Brooks, Philip
Subject: DMT Routine Performance Check

Good morning,

I am just following up on the RPC performed on 2/26/2016. I left a voicemail with Chief Deputy Brooks because he was on duty at the time, but Deputy MacFarlane performed the RPC. It looks like an incorrect concentration was entered for the new simulator solution. The concentration entered into the DMT was 0.094. However, sim solution lot 15-09-100 should have a concentration of 0.099 g/210L. As a result, a solution change protocol will need to be performed before any breath samples can be collected. Please verify the concentration and lot # from the bottle/sticker and enter that data into the instrument. There is no need to change the sim solution itself, but there will still be a 30 minute waiting period as it is programmed into the software.

Thanks,

Jeff Dukette
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