DataMaster DMT Monthly Update Check-list

Department/Agency: Manchester Police Dept. DM serial #: 100165

Supervisor: D. STEERE Date: 05/02/12

	Provided	None this month
Operators Logbook	☑	☐
Maintenance Logbook	☑	☐
Breath Test History Report	☑	☐
Status History Report	☑	☐
Log On History Report	☑	☐
Calibration Report	☑	☐
Certification Report	☑	☐
Installation Report	☑	☐
Annual Preventative Maintenance	☐	☑
Routine Performance Check	☐	☑
Simulator Solution Change	☐	☑
Other Reports	☑	☐

List other report type and date:

Accuracy & Precision Report · 04/01/12

DATAMASTER DMT OPERATOR USE LOG

Manchester Pd
Department/Agency

100165
DataMaster DMT Serial Number

Date	DMT Operator's Name	Subject's Name	Simulator Vapor 1	Simulator Vapor 2
10/11/11	Steven Harnois	Install	.100	
11-1-11	Thomas Crowe	Logan Spencer	.099 DS	.098 DS
11-4-11	Tienken	Devon Heiser	.100	.099
11-13-11	Schmidt (911)	Kilten Dutts	.098	
11-20-11	Hess	Aaron	.098	
12-9-11	Godfrey	Guryan, Sheppard it	.096 (60R) DS	
12/20/11	STEERE	Test Printer		
12/27/11	Hatch 447	Refused	.097	—
1/14/11 (1/14/12) DS	Godfrey	Kevin Benasick	.100 DS	
1-14-14 (1/14/12) DS	Godfrey	Walters, Patrick	.099	
1-17-12	Tienken	Williams Richard	.099	
1-28-12	FRASIER	Gallie Bij, Claudia	.102	
2/11/12	Hatch 447	Anthony Turubo	.102	
02/14/12	Daniel Steere	Test/RPC 0.102	.102	
02/25/12	FRASIER	Slocum Daniel	.101	
2-26-12	Godfrey	Aldrich, James A	.101	
3-10-12	Godfrey	Durrschmidt, Chris	.099	.099
3-18-12	CARROCCIO	GUSTAFSON, Hope	~~.098~~ .101	
3-22-12	J. Epstein	Derrick Wolff	.100 DS	
3-22-12	Schmidt (911)	Adrian Sweeney	.099	.099

ALC 603 Rev 3 08/11

DATAMASTER DMT OPERATOR USE LOG

[illegible]
Department/Agency

[illegible]
DataMaster DMT Serial Number

Date	DMT Operator's Name	Subject's Name	Simulator Vapor 1	Simulator Vapor 2
4/3/12	L. Hatch 447	David Roberts	.101	
4/3/12	J. Blanchard	Tanya Parker	JB .098	
4/26/12	C. Mason	Gary Fifer	.096	
4/29/12	C. Mason	Carolyn Hadder	.101	

DATAMASTER DMT MAINTENANCE LOG

Manchester Pd
Department/Agency

100165
DataMaster DMT Serial Number

DATE	TYPE OF SERVICE PERFORMED	PERFORMED BY (Name and Title)
10/11/11	**DataMaster Simulator Solution** Lot # 12-13-100 $EtOH_{aq}$ Conc: 0.102 Range: 0.097 - 0.107 Preparation Date: 09/09/2011 Expires: 09/09/2012 OPENED: 10/11/11 ...ange Place Label Here] Install Per Protocall [signature] 10/11/11	Steven Harnois
12-9-11	out of Range [For RPC or Simulator Solution Change Place Label Here]	
12-11-11	**DataMaster Ext. Std. Solution** Lot # 11-41-100 $EtOH_{aq}$ Conc: 0.101 Range: 0.096 - 0.106 Preparation Date: 06/29/2011 Expires: 06/29/2012 OPENED: 12-11-11 Solution Chgd Solution OK Pump ERROR	Thomas Crane out of Serv.
12/20/11	Printer problem, Attempted Reprint Last Ticket [For RPC or Simulator Solution Change Place Label Here] would not print, Turned off + on Instrument, Printed last ticket + prior from 9/27/11/Reset Time back 1 hour.	~~Would not Print,~~ ~~Turned off Instrument~~ ~~+ Turned on~~ Daniel [signature]
1/10/12	[For RPC or Simulator Solution Change Place Label Here] Updated Software	Steven Harnois

ALC 803 REV 03 08/2011

DATAMASTER DMT MAINTENANCE LOG

Manchester PD
Department/Agency

100165
DataMaster DMT Serial Number

DATE	TYPE OF SERVICE PERFORMED	PERFORMED BY (Name and Title)
02/14/12	[For RPC **DataMaster Simulator Solution** Lot # 12-38-100 $EtOH_{aq}$ Conc: 0.101 Range: 0.096 - 0.106 Preparation Date: 11/17/2011 Expires: 11/17/2012 ce Label Here] OPENED: 02/14/12 DS.	Ofc. Daniel Steere
	[For RPC or Simulator Solution Change Place Label Here]	
04/01/12	Accuracy & Precision Check Reset Clock ahead 1hr.	Ofc. Daniel Steere
	[For RPC or Simulator Solution Change Place Label Here]	
	[For RPC or Simulator Solution Change Place Label Here]	

Breath Record History

Test Date	Test Time	Agency	Operator Name	Alcohol Val. 1	Alcohol Val. 2	Sim. Conc. 1	Sim. Conc. 2	Status Message
04/29/2012	12:44:12	MANCHESTER PD	CHRIS MASON	0.076		0.098		
04/24/2012	21:16:58	MANCHESTER PD	CHRIS L MASON	0.077		0.097		
04/03/2012	11:53:02	MANCHESTER PD	JAMES W BLANCHARD	0.240	INCOMPLETE	0.098	0.097	RESPONSE TIMEOUT
04/03/2012	00:18:41	SHAFTSBURY VSP	LEWIS A HATCH	0.148		0.098		

Status Record History

Status Date	Status Time	Test Type	Status Message
04/03/2012	12:02:51	DUI Subject Record	RESPONSE TIMEOUT

Log On Record History

Test Date	Test Time	Name
04/24/2012	22:49:32	Supervisor
04/01/2012	20:49:25	Supervisor
04/01/2012	17:41:13	Supervisor
04/01/2012	17:05:47	Supervisor

CALIBRATION REPORT

DataMaster DMT: 100165
Calibration Date: 09/27/2011
Calibrated by: STEVEN R MERRILL
Lot: 11-37-100

Ca	= 0.100			
CAL	= 0.962517	0.800	<= CAL <	1.200
b1	= 0.000	0.000	<= b1 <	0.004
b2	= 0.005	0.002	<= b2 <	0.010
b3	= 0.000	0.000	<= b3 <	0.004
Xq	= 0.093	0.050	<= Xq <	0.200
a21	= 1.187029	1.050	<= a21 <	1.300
a31	= 0.494135	0.300	<= a31 <	0.800

Performed by _____ Date 09/27/2011

CERTIFICATION REPORT

DataMaster DMT: 100165
Calibration Date: 09/27/2011
Certification Date: 09/27/2011
Certified by: STEVEN R MERRILL

Diagnostic Results

VERSIONS
DMT: 1.00
PIC: 2.06
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 46.9°C
Digital Sim = 0.0°C

SETTINGS
Lamp Voltage = 1.84 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 545 Hz

PUMP INFO
Flow Rate = 5.376 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0366	0.0388
MIN(V)	0.0352	0.0372

FILTER INFO
Filter 1 0.038 Zero = true
Filter 2 0.298 Zero = true
Filter 3 0.573 Zero = true

CALIBRATION CHECK
Xq = 0.093 0.09%

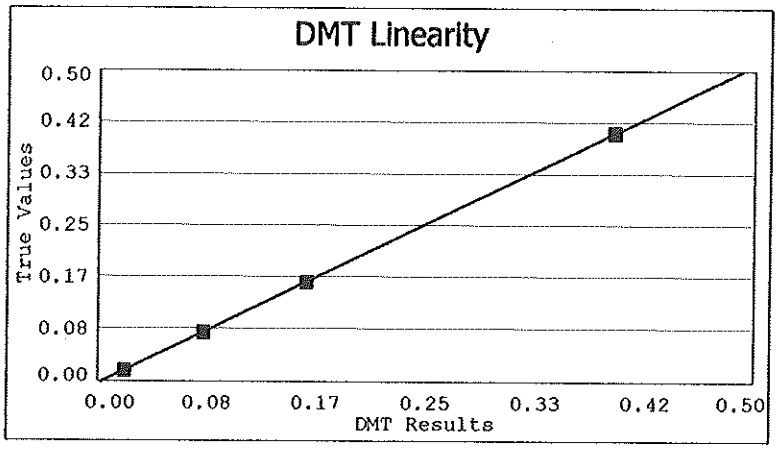
Options

OPTIONS
Units
Alcohol..... g/210L
Simulator
Tolerance Check..... yes
Standard Type..... wet
Nominal..... 0.100
Digital Simulator..... Guth34CNP
Subject
Ask Questions..... yes
Number of Tests..... 2
Alcohol Display..... yes
Volume Display..... yes
Query Refusal..... yes
Copies..... 3
Simulator Before..... yes
Simulator Between..... yes
Simulator After..... no
Observation Time..... 0
Supervisor
Number of Tests..... 10
Calibration
Standard Type..... wet
Nominal..... 0.100
Nominal(Dry Gas)..... 0.100
Number of Tests..... 1
Printer
Printer On..... yes
Software Configuration
Data Collection..... yes

Linearity Check Results

True Value	Reported Average	Std Dev
0.019 g/210L Lot # 12-14-020	0.020 g/210L	0.0000
0.080 g/210L Lot # 12-16-080	0.080 g/210L	0.0000
0.161 g/210L Lot # 12-12-160	0.159 g/210L	0.0000
0.400 g/210L Lot # 12-15-400	0.392 g/210L	0.0010

$R^2 = 1$



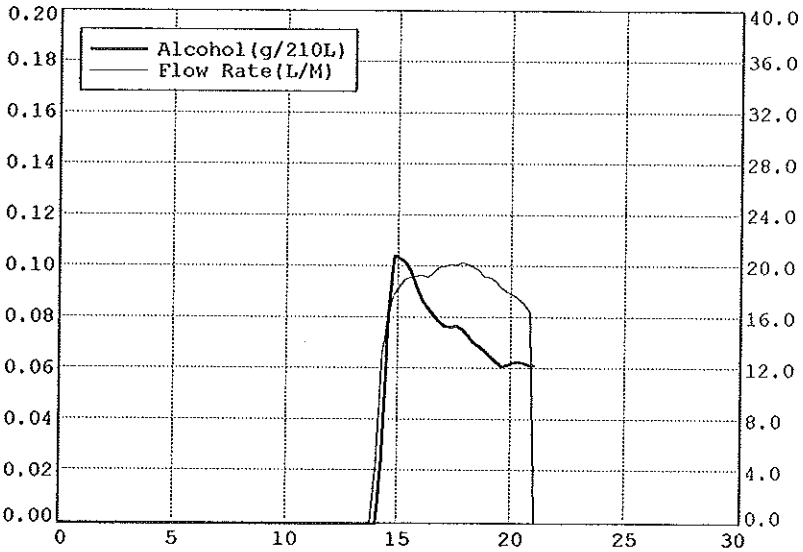
Acetone Interference Test

Lot # 12-10-080A1

Interference Detected

Mouth Alcohol Test

Mouth Alcohol Detected

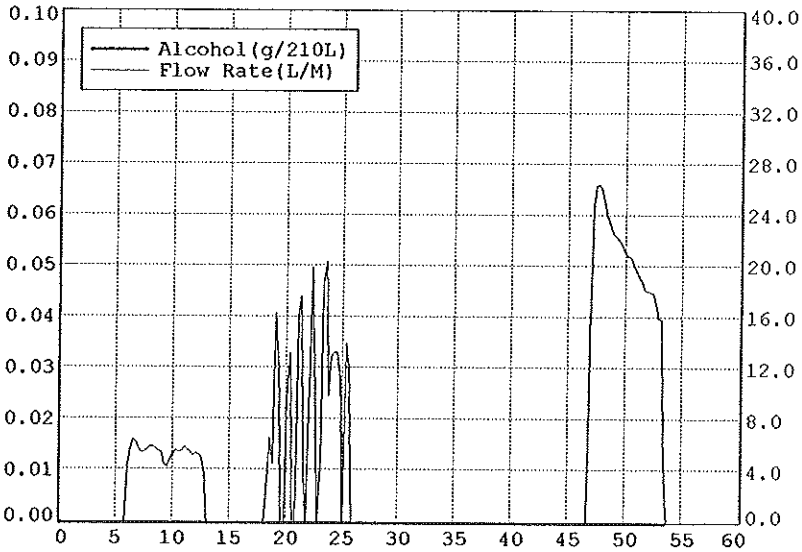


RF Detection Test

Passed

Sample Acceptance Test

Passed



CERTIFICATION PASSED

Performed by KLK Date 05/02/2012

Reviewed by _____ Date _____

INSTALLATION REPORT

DataMaster DMT: 100165
Location: Manchester PD
Calibration Date: 09/27/2011
Certification Date: 09/27/2011
Installation Date: 10/11/2011
Installed by: STEVEN E HARNOIS

Site meets specification in doc P-ALC-210

Default Options Loaded

Diagnostic Results

```
VERSIONS
DMT: 1.00
PIC: 2.06
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube    = 48.1°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.84 V
Cooler Voltage = 1.80 V
Bias Voltage   = 80 V
Chopper Freq   = 544 Hz

PUMP INFO
Flow Rate = 5.357 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.0285    0.0319
MIN(V)   0.0270    0.0305

FILTER INFO
Filter 1   0.030  Zero = true
Filter 2   0.294  Zero = true
Filter 3   0.553  Zero = true

CALIBRATION CHECK
Xq  = 0.093  0.09%
```

Accuracy and Precision Check

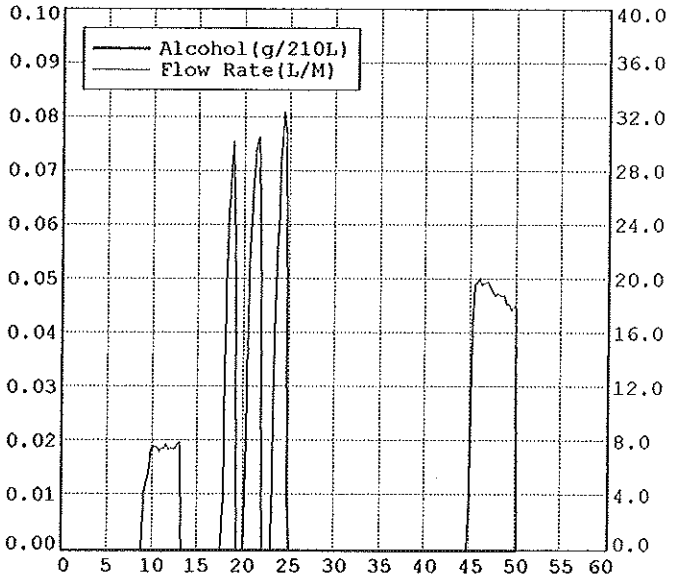
Concentration	= 0.102 g/210L
Lot #	= 12-13-100
Range	= 0.097 - 0.107
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



INSTALLATION PASSED

Performed by _____ Date 10/11/2011

Reviewed by _____ Date _____

ACCURACY & PRECISION REPORT

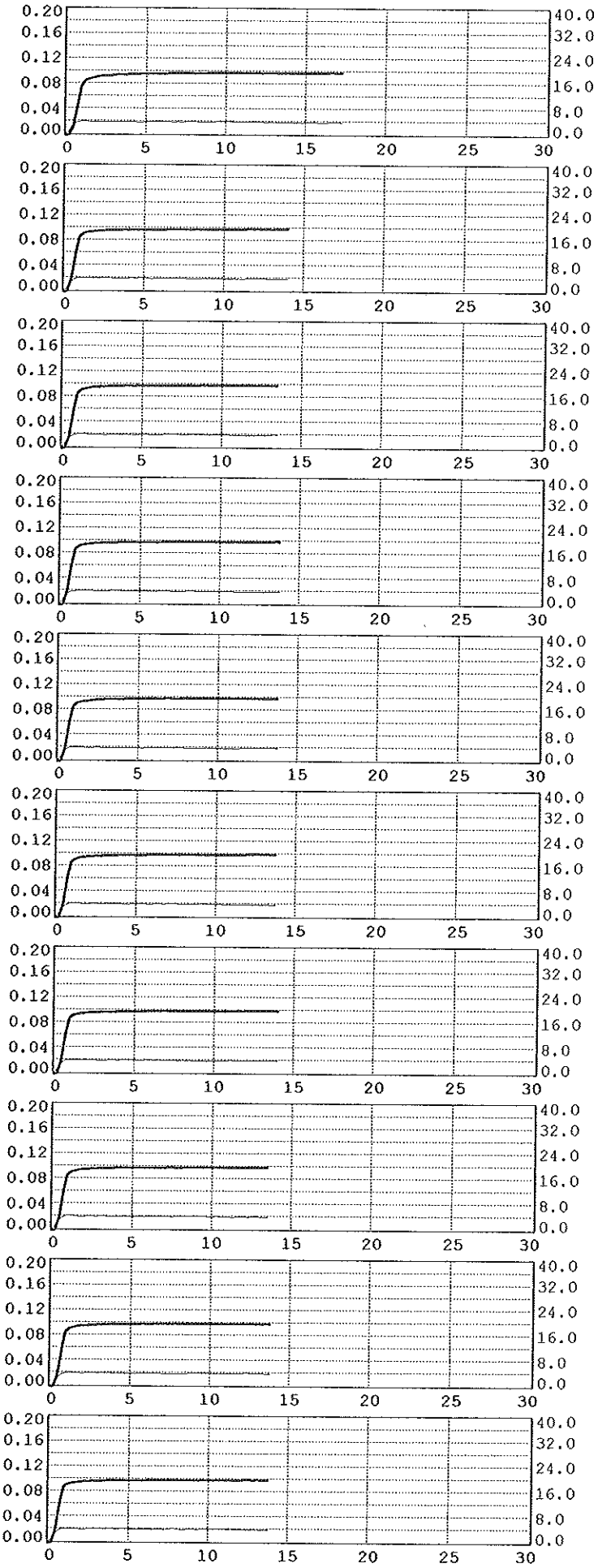
STATE OF VERMONT

DataMater DMT: 100165
Location: Manchester PD

Date: 04/01/2012
Time: 20:49:57

SUPERVISOR NAME:
DANIEL B STEERE

SOLUTION LOT #: 12-38-100
SOLUTION CONCENTRATION: 0.101

BLANK TEST	0.000	20:50
CALIBRATION CHECK	PASSED	20:50
SIMULATOR VAPOR 34.0°C	0.099	20:51
SIMULATOR VAPOR 34.0°C	0.099	20:52
SIMULATOR VAPOR 34.0°C	0.099	20:53
SIMULATOR VAPOR 34.0°C	0.099	20:54
SIMULATOR VAPOR 34.1°C	0.099	20:55
SIMULATOR VAPOR 34.0°C	0.100	20:56
SIMULATOR VAPOR 34.0°C	0.100	20:57
SIMULATOR VAPOR 34.0°C	0.099	20:59
SIMULATOR VAPOR 34.0°C	0.099	21:00
SIMULATOR VAPOR 34.0°C	0.099	21:01
BLANK TEST	0.000	21:02

Average = 0.099
Std Dev = 0.000