DataMaster DMT Monthly Update Check-list

Department/Agency: Manchester PD DM serial #: 100165

Supervisor: D. Steere Date: 02 / 10 / 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:

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 (4")	Kileen Deets	.098	
11-20-11	Hess	Aaron	.098	
12-9-11	Godfrey	Guryan, Sheppard A	.096 (OOR) 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	Call-Lie Big, 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. Eystein	Denish Wolff	.100 DS	
3-22-12	Schmidt (4")	Adrian Sweeney	.099	.099

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DATAMASTER DMT OPERATOR USE LOG

Manchester PD
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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	.098	
4/26/12	C. Mason	Gary Fifer	.096	
4/29/12	C. Mason	Carolyn Hadder	.101	
5/5/12	L. Hatch 447	Charles W. Wise	.101	
5-11-12	D. Tienken	Daniel Flint	.096	
5-13-12	GODFREY	Barden, Carson	.097	
5/24/12	J ROGERS	Conte, Christopher	.095	
5/24/12	J ROGERS	Conte, Christopher	.095	
5/24/12	J Rogers	Conte, Christopher	.096	
5/27/12	Oliver, T	O'Brien, ME	Out of Range .094	.095 DS
5/28/12	D. Steere	Test Simulator Solution Change	0.102	
6-2-12	Godfrey	Garay, Sarah H	.102	
6/3/12	Mason	Weber, Brett	.101	
6/8/12	A. Boldue	APM	0.099	
6/19/12	D. Steere	RPC	—	
6/24/12	C. WATROUS	PETER ROWE	.102	.101
7/5/12	L. Hatch	Allen Ericksson	.101	.101
7/8/12	SCHMIDT	Katelyn Barcellos	time out	
7/8/12	SCHMIDT	Katelyn Barcellos	.101	

DATAMASTER DMT OPERATOR USE LOG

Department/Agency

DataMaster DMT Serial Number

Date	DMT Operator's Name	Subject's Name	Simulator Vapor 1	Simulator Vapor 2
07/12/12	WATROUS - M249	JOHN MARINO	.101	N/A
7/13/12	Mason - M248	Ray White Jr	.100	N/A
8/7/12	D. Tienken	Carol Lancaster	.098	.098
8/10/12	L. HATCH	Austen Adams	.100	.100
8-13-12	GODFREY	Boyd, Ian S	.100	.098
8-14-12	Thomas	Alpert, David	.099	.098
8/17/12	Blanchard	Melissa Loughlin	.099	—
8/24/12	Tienken	Gavin Wilcox	.099	.098
9/02/12	Steere (Check In Test)	Test	.095	—
9/02/12	Steere (DUI Test)	Test	.097	—
9/08/12	Blanchard	Robert W. Swinnerton	.098	—
09/23/12	Thomas	Jaron C Gardner	.098	

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 [For RPC or Simulator Solution Change Place Label Here] Install Per Protocall Sh 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 Cline 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 ton Instrument, Printed last ticket prior from 9/27/11 / Reset Time back 1 hour.	~~Would not Print,~~ ~~Turned off Instrument~~ ~~turned on~~ Dominic
1/10/12	[For RPC or Simulator Solution Change Place Label Here] Updated Software	Steven Harnois

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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	**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 [For RPC 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
	DataMaster Simulator Solution Lot # 12-64-100 $EtOH_{aq}$ Conc: 0.101 Range: 0.096 - 0.106 Preparation Date: 02/17/2012 Expires: 02/17/2013 [For RI ace Label Here] OPENED: 05/28/12 DS	
05/28/12	Accuracy + Precision Check Solution Change	Daniel Steere
6/8/12	Performed APM, software update [For RPC or Simulator Solution Change Place Label Here] and lock change	ABR

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DATAMASTER DMT MAINTENANCE LOG

Manchester P.D.
Department/Agency

DataMaster DMT Serial Number

DATE	TYPE OF SERVICE PERFORMED	PERFORMED BY (Name and Title)
06/19/12	[For RPC **DataMaster Simulator Solution** Lot # 12-64-100 $EtOH_{aq}$ Conc: 0.101 Range: 0.096 - 0.106 Preparation Date: 02/17/2012 Expires: 02/17/2013 Label Here] OPENED: 06/19/12 DS. RPC	Daniel Steere
	[For RPC or Simulator Solution Change Place Label Here]	
09/02/12	Check-in + Dui Tests	Daniel Steere
	[For RPC or Simulator Solution Change Place Label Here]	
	[For RPC or Simulator Solution Change Place Label Here]	

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Breath Record History

Test Date	Test Time	Agency	Operator Name	Alcohol Val. 1	Alcohol Val. 2	Sim. Conc. 1	Sim. Conc. 2	Status Message
09/23/2012	02:19:24	manchester	JASON J THOMAS	0.084		0.098		
09/08/2012	03:04:02	MANCHESTER PD	JAMES W BLANCHARD	REFUSED		0.098		
09/02/2012	11:34:26	MANCHESTER PD	DAN STEERE	0.000		0.097		
09/02/2012	11:13:56	MANCHESTER PD	DANIEL STEERE			0.095		Simulator Out of Range

Status Record History

Status Date	Status Time	Test Type	Status Message
09/02/2012	11:15:27	Check-In Confirmation Record	Simulator Out of Range

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%
```

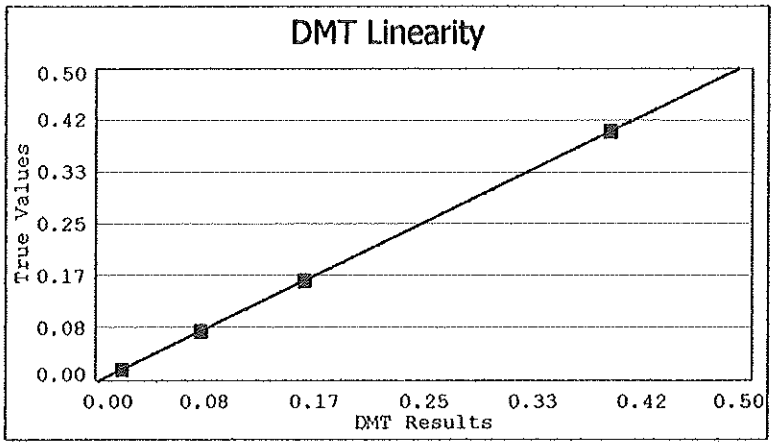
Options

```
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

$R^2 = 1$



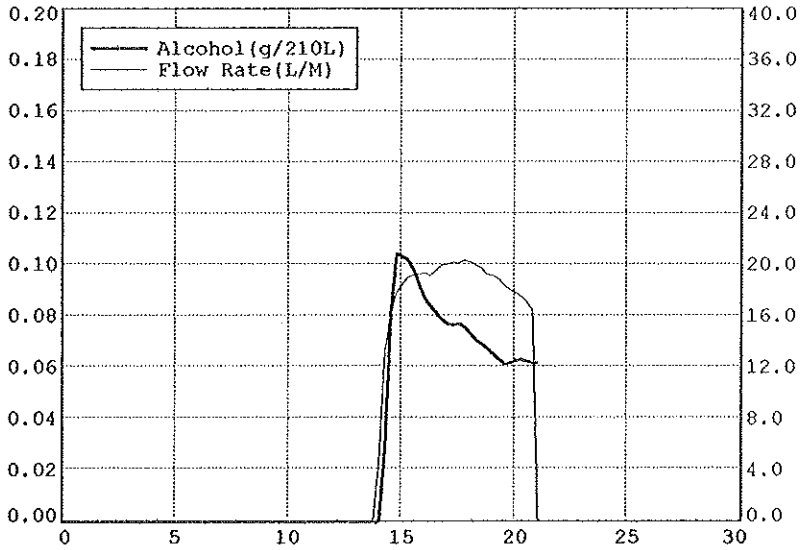
Acetone Interference Test

Lot # 12-10-080A1

Interference Detected

Mouth Alcohol Test

Mouth Alcohol Detected

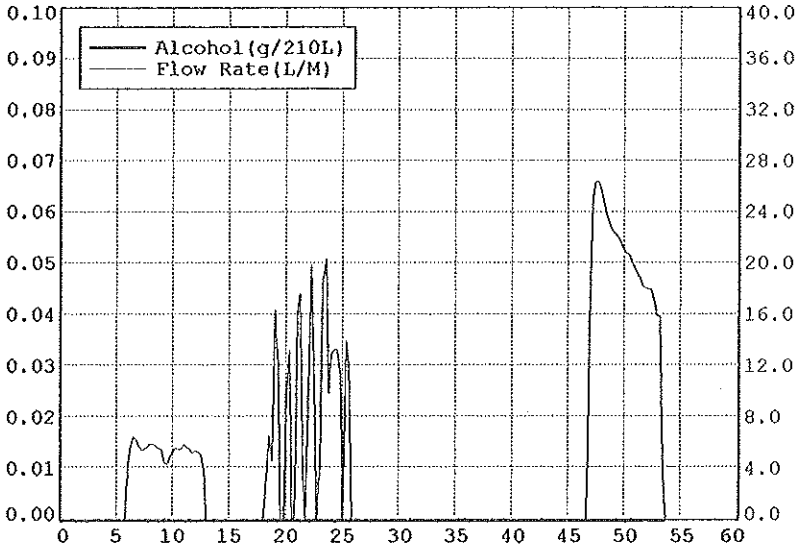


RF Detection Test

Passed

Sample Acceptance Test

Passed



CERTIFICATION PASSED

Performed by KPK Date 09/27/2011

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

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

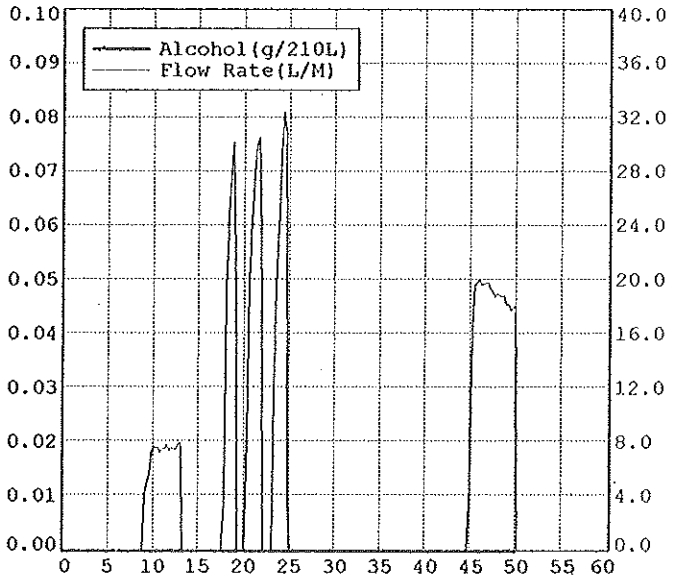
Concentration	= 0.102 g/210L
Lot #	= 12-13-100
Range	= 0.097 - 0.107
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



INSTALLATION PASSED

Performed by _____ Date 10/11/2011

Reviewed by _____ Date _____

ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100165
Location: Manchester PD
Calibration Date: 09/27/2011
Certification Date: 09/27/2011
Installation Date: 10/11/2011
APM Date: 06/08/2012
Performed by: AMANDA BOLDUC

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube    = 48.1°C
Digital Sim    = 34.1°C

SETTINGS
Lamp Voltage   = 1.84 V
Cooler Voltage = 1.80 V
Bias Voltage   = 80 V
Chopper Freq   = 550 Hz

PUMP INFO
Flow Rate = 5.216 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   -0.0850   -0.0811
MIN(V)   -0.0866   -0.0823

FILTER INFO
Filter 1  -0.082  Zero = true
Filter 2   0.188  Zero = true
Filter 3   0.449  Zero = true

CALIBRATION CHECK
Xq  = 0.092  0.57%
```

Simulator Vapor Test

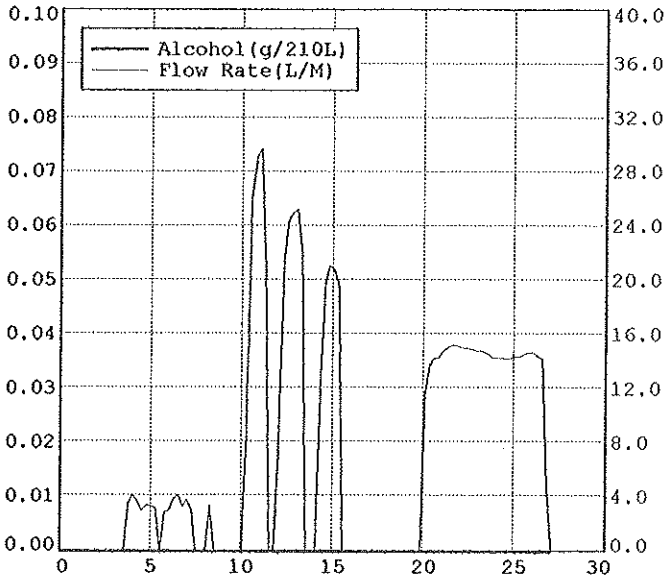
Concentration = 0.101 g/210L
Lot # = 12-64-100
Range = 0.096 - 0.106
Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



APM PASSED

Performed by Amanda Bolduc Date 06/08/2012

Reviewed by _____ Date _____