ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 01/12/2012
RPC Date: 10/17/2013
Supervisor Name: BRENT H NEWTON

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.1°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO
Flow Rate = 5.262 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.6165	0.6179
MIN(V)	0.6142	0.6159

FILTER INFO RCO 10/17/13

Filter 1	0.616	Zero = true
Filter 2	0.970	Zero = true
Filter 3	1.242	Zero = true

CALIBRATION CHECK
Xq = 0.088 1.92%

Routine Performance Check Passed

Accuracy and Precision Check

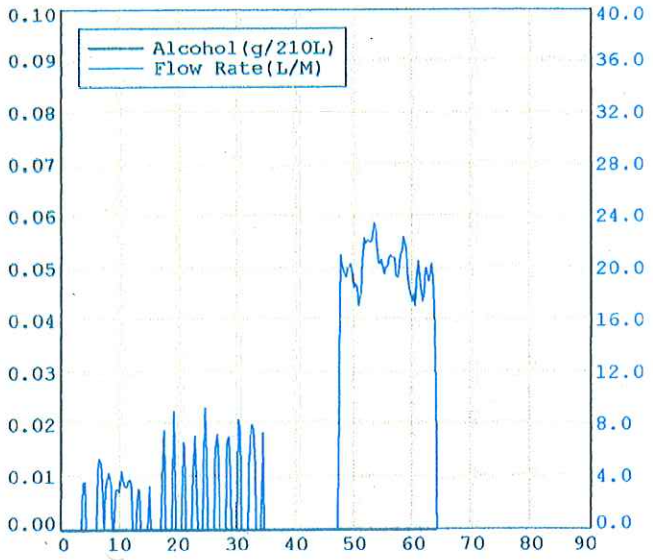
Concentration	= 0.097 g/210L
Lot #	= 12-89-100
Range	= 0.092 - 0.102
Average	= 0.101 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



See attached diagnostic for passing detector voltage. RCO 10/17/13

Performed by _____ Date 10/17/2013

Reviewed by _____ Date 10/17/13

10/28/2013

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 01/12/2012
RPC Date: 10/17/2013
Supervisor Name: BRENT H NEWTON

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 48.1°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO
Flow Rate = 5.235 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.6274	0.6289
MIN(V)	0.6254	0.6272

FILTER INFO
Filter 1 0.627 Zero = true RCD 10/17/13
Filter 2 0.979 Zero = true
Filter 3 1.251 Zero = true

CALIBRATION CHECK
Xq = 0.087 1.31%

Accuracy and Precision Check

Concentration =
Lot # =
Range =
Average =
Std Dev =

Routine Performance Check Failed

Accuracy + Precision check fail. DMT supervisor stated that he started the RPC then became unavailable to finish it, at which time the failure occured RCD 10/28/13

Performed by _____ **Date** 10/17/2013

Reviewed by _____ **Date** _____

Breath Record History

Test Date	Test Time	Agency	Operator Name	Alcohol Val. 1	Alcohol Val. 2	Sim. Conc. 1	Sim. Conc. 2	Status Message
10/13/2013	02:20:00	VERGENNES PD	PATRICK R GREENSLET	0.133		0.096		
10/13/2013	02:06:57	VERGENNES PD	PATRICK R GREENSLET	0.138	INCOMPLETE	0.097	0.096	RESPONSE TIMEOUT
10/05/2013	04:11:55	VERGENNES PD	BRENT H NEWTON	0.116		0.096		
09/29/2013	02:12:04	VERGENNES PD	NEIL F MOGERLEY	0.094	0.089	0.096	0.096	
09/28/2013	22:57:16	VERGENNES PD	N MOGERLEY	0.119	0.115	0.096	0.097	
08/29/2013	02:14:16	NEW HAVEN VSP	JOSEPH T SZAREJKO	0.139		0.096		
08/03/2013	03:00:08	VERGENNES PD	BRENT H NEWTON	0.075	0.077	0.099	0.098	
07/28/2013	00:06:07	NEW HAVEN VSP	JOSEPH T SZAREJKO	0.084	0.082	0.099	0.099	
07/26/2013	20:01:54	VERGENNES PD	NEIL F MOGERLEY	0.188		0.097		
07/07/2013	02:19:33	NEW HAVEN VSP	JOSEPH T SZAREJKO	0.153	0.155	0.101	0.100	
07/03/2013	01:02:11	VERGENNES PD	NEIL F MOGERLEY	0.100		0.100		
06/08/2013	23:33:02	VERGENNES PD	NEIL F MOGERLEY	0.083	0.083	0.097	0.097	
06/01/2013	22:35:00	VERGENNES PD	NEIL F MOGERLEY	0.258		0.095		
06/01/2013	02:17:22	VERGENNES PD	NEIL F MOGERLEY	0.135		0.096		
05/22/2013	21:57:04	VERGENNES PD	PATRICK R GREENSLET	0.099	0.100	0.096	0.096	
04/13/2013	06:12:00	Vergennes Police Dept	GEORGE P MERKEL	0.145		0.099		
04/07/2013	01:07:12	VERGENNES PD	BRENT H NEWTON	0.091		0.098		
03/17/2013	02:43:20	NEW HAVEN VSP	JOSEPH T SZAREJKO	0.115		0.098		
03/15/2013	22:17:23	VERGENNES PD	BRENT H NEWTON	0.267		0.099		
03/09/2013	23:14:47	VERGENNES PD	BRENT H NEWTON	INCOMPLETE	REFUSED	0.100		
03/02/2013	02:55:33	VERGENNES PD	ADAM J ONEILL	0.166	0.166	0.101	0.100	
02/15/2013	22:16:29	VERGENNES PD	BRENT H NEWTON	0.118	0.119	0.097	0.096	

3 of 5 RD

DIAGNOSTIC RESULT

DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 01/12/2012
Test Date: 10/17/2013
Test Time: 15:35:36

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO
Flow Rate = 5.117 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.4136	0.4152
MIN(V)	0.4122	0.4140

FILTER INFO
Filter 1 0.415 Zero = true RCD 10/17/13
Filter 2 0.784 Zero = true
Filter 3 1.071 Zero = true

CALIBRATION CHECK
Xq = 0.088 1.72%

DIAGNOSTIC RESULT

DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 01/12/2012
Test Date: 10/25/2013
Test Time: 13:35:19

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 48.0°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 534 Hz

PUMP INFO
Flow Rate = 5.296 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2565	0.2585
MIN(V)	0.2555	0.2571

FILTER INFO

Filter 1	0.258	Zero = true
Filter 2	0.637	Zero = true
Filter 3	0.920	Zero = true

CALIBRATION CHECK
Xq = 0.088 2.22%

RPC follow up diagnostic. RCD 10/28/13

5 of 5 RCD