



Agency Gulf Breeze PD

S/N 80-000787

Date In 3/10/2021 DI Completion Date 4/1/2021

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

FDLE/ATP Form 48 January 2021
Issuing Authority: Alcohol Testing Program

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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: GULF BREEZE PD
Time of Inspection: 14:38

Date of Inspection: 04/01/2021

Serial Number: 80-000787
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG011102 Exp: 04/20/2022
0.000	0.049	0.080	0.200	0.078
0.000	0.050	0.080	0.202	0.078
0.000	0.050	0.080	0.201	0.078
0.000	0.050	0.080	0.201	0.078
0.000	0.050	0.081	0.202	0.078
0.000	0.051	0.080	0.201	0.077
0.000	0.050	0.081	0.201	0.077
0.000	0.050	0.081	0.201	0.077
0.000	0.050	0.080	0.202	0.077
0.000	0.051	0.081	0.201	0.077
Standard Deviations	0.0005	0.0005	0.0006	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

04/01/2021
Date

Stability checks

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000767
03/12/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:41
Control Test	0.048	12:41
Air Blank	0.000	12:42
Control Test	0.049	12:43
Air Blank	0.000	12:43
Control Test	0.049	12:44
Air Blank	0.000	12:44
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000767
03/12/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:45
Control Test	0.078	12:46
Air Blank	0.000	12:47
Control Test	0.079	12:47
Air Blank	0.000	12:48
Control Test	0.079	12:49
Air Blank	0.000	12:49
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7379	

Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000767
03/12/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:50
Control Test	0.199	12:51
Air Blank	0.000	12:52
Control Test	0.199	12:52
Air Blank	0.000	12:53
Control Test	0.200	12:54
Air Blank	0.000	12:54
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000767
03/12/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:56
Control Test	0.082	12:56
Air Blank	0.000	12:56
Control Test	0.082	12:57
Air Blank	0.000	12:57
Control Test	0.082	12:58
Air Blank	0.000	12:58
Control Test Stats		
Average	0.0620	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

wet

Dry



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000787, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000787</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>GULF BREEZE PD</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>04/01/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:38</u>	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.

*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence ($k=3$).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

Digitally signed by Israel Soto
Date: 2021.04.01 15:50:02
+04'00'

Israel Soto

04/01/2021

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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Optical Bench Cal. Adjust

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
04/01/2021 08:32:23

Auto Calibration
Max Power Res Value = 33
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12823, Sum Io = 13440

Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1440 (-0.0180)
Sample #2 = 0.1360 (-0.0180)
Sample #3 = 0.1360 (0.0450)
Sample #4 = 0.1330 (0.0610)
Avg % Abs = 0.1350 (0.0293)
STD DEV = 0.0017 (0.0418)
REL STD DEV = 1.283 (142.381)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1460 (-0.0110)
Sample #2 = 0.1300 (0.0100)
Sample #3 = 0.1330 (0.0300)
Sample #4 = 0.1290 (0.0360)
Avg % Abs = 0.1307 (0.0253)
STD DEV = 0.0021 (0.0136)
REL STD DEV = 1.593 (53.738)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12811, Sum Io = 13435

Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.9200 (-0.0440)
Sample #2 = 0.9000 (-0.0180)
Sample #3 = 0.8890 (0.0160)
Sample #4 = 0.8780 (0.0110)
Avg % Abs = 0.8890 (0.0030)
STD DEV = 0.0110 (0.0184)
REL STD DEV = 1.237 (611.919)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5780 (-0.0230)
Sample #2 = 1.5490 (0.0140)
Sample #3 = 1.5350 (0.0350)
Sample #4 = 1.5390 (0.0240)
Avg % Abs = 1.5410 (0.0243)
STD DEV = 0.0072 (0.0105)
REL STD DEV = 0.468 (43.167)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12806, Sum Io = 13429

Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9860 (-0.0340)
Sample #2 = 1.9700 (-0.0060)
Sample #3 = 1.9340 (0.0020)
Sample #4 = 1.9370 (0.0300)
Avg % Abs = 1.9470 (0.0087)
STD DEV = 0.0200 (0.0189)
REL STD DEV = 1.026 (218.115)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5930 (-0.0220)
Sample #2 = 3.5520 (0.0220)
Sample #3 = 3.5460 (0.0200)
Sample #4 = 3.5400 (0.0430)
Avg % Abs = 3.5460 (0.0283)
STD DEV = 0.0060 (0.0127)
REL STD DEV = 0.169 (44.968)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12804, Sum Io = 13428

Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7370 (-0.0120)
Sample #2 = 3.7000 (0.0190)
Sample #3 = 3.6820 (0.0350)
Sample #4 = 3.6820 (0.0450)
Avg % Abs = 3.6880 (0.0330)
STD DEV = 0.0104 (0.0131)
REL STD DEV = 0.282 (39.742)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.8710 (-0.0130)
Sample #2 = 6.8170 (0.0610)
Sample #3 = 6.7950 (0.0730)
Sample #4 = 6.7760 (0.0970)
Avg % Abs = 6.7960 (0.0770)
STD DEV = 0.0205 (0.0183)
REL STD DEV = 0.302 (23.806)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12805, Sum Io = 13426

Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.4150 (-0.0140)
Sample #2 = 5.3660 (0.0450)
Sample #3 = 5.3610 (0.0820)
Sample #4 = 5.3620 (0.0510)
Avg % Abs = 5.3630 (0.0593)
STD DEV = 0.0026 (0.0199)
REL STD DEV = 0.049 (33.468)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.9370 (-0.0240)
Sample #2 = 9.8190 (0.0810)
Sample #3 = 9.8030 (0.1180)
Sample #4 = 9.8000 (0.1030)
Avg % Abs = 9.8073 (0.1007)
STD DEV = 0.0102 (0.0186)
REL STD DEV = 0.104 (18.487)

***** AUTO CAL DATA *****

Channel 1 >>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.135
Std Dev = 0.00 Rel Std Dev = 1.28
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.689
Std Dev = 0.01 Rel Std Dev = 1.24
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.947
Std Dev = 0.02 Rel Std Dev = 1.03
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.688
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.363
Std Dev = 0.01 Rel Std Dev = 0.05
Zero Order Coef = -365.66
First Order Coef = 2565.36
Second Order Coef = 31.16
Standard Deviation = 21.266134

Channel 2 >>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.131
Std Dev = 0.00 Rel Std Dev = 1.59
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.541
Std Dev = 0.01 Rel Std Dev = 0.47
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.546
Std Dev = 0.01 Rel Std Dev = 0.17
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.796
Std Dev = 0.02 Rel Std Dev = 0.30
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.807
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -172.69
First Order Coef = 1332.89
Second Order Coef = 14.32
Standard Deviation = 19.500313

Opt. Bench Cal. Adj.

Post stability checks

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0004
0.040	0.041	-0.0007
0.100	0.100	0.0003
0.200	0.200	0.0001
0.300	0.300	-0.0001

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0000
0.040	0.040	-0.0002
0.100	0.099	0.0006
0.200	0.200	-0.0005
0.300	0.300	0.0002

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1
 Sample #1 = 3012.00
 Sample #2 = 3033.00
 Sample #3 = 3117.00
 Sample #4 = 3116.00
 Average Result = 3088.6667
 STD DEV = 48.2113
 REL STD DEV = 1.561

 ***** CHANNEL 2
 Sample #1 = 3342.00
 Sample #2 = 3356.00
 Sample #3 = 3366.00
 Sample #4 = 3383.00
 Average Result = 3371.6667
 STD DEV = 9.8150
 REL STD DEV = 0.291

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1023
 3 um H2O Adjust (mg/l*10,000) = 721
 9 um H2O Adjust (mg/l*10,000) = 439
 **** AUTO CAL PASS

GULF BREEZE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000787
 04/01/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:07
Control Test	0.049	12:08
Air Blank	0.000	12:09
Control Test	0.048	12:09
Air Blank	0.000	12:10
Control Test	0.050	12:11
Air Blank	0.000	12:11
Control Test Stats		
Average	0.0490	
Std Dev	0.0010	
Rel Std Dev(%)	2.0408	

Operator's Signature

GULF BREEZE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000787
 04/01/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:18
Control Test	0.202	12:19
Air Blank	0.000	12:19
Control Test	0.199	12:20
Air Blank	0.000	12:21
Control Test	0.199	12:21
Air Blank	0.000	12:22
Control Test Stats		
Average	0.2000	
Std Dev	0.0017	
Rel Std Dev(%)	0.8560	

Operator's Signature

GULF BREEZE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000787
 04/01/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:13
Control Test	0.080	12:14
Air Blank	0.000	12:14
Control Test	0.079	12:15
Air Blank	0.000	12:16
Control Test	0.079	12:16
Air Blank	0.000	12:17
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

GULF BREEZE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000787
 04/01/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:23
Control Test	0.079	12:23
Air Blank	0.000	12:24
Control Test	0.079	12:24
Air Blank	0.000	12:25
Control Test	0.080	12:25
Air Blank	0.000	12:26
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

wet

Dry