

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: LEE COUNTY SO
Time of Inspection: 10:37

Date of Inspection: 02/16/2023

Serial Number: 80-000938
Software: 8100.27

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

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:

AI NOT CONDUCTED. BYPASSED TO OPERATE INSTRUMENT.

Not determined ^{ML} 02/16/2023

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

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Taylor D Gutschow

TAYLOR D GUTSCHOW
Signature and Printed Name

02/16/2023
Date

LEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000938
02/16/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:48
Control Test	0.048	10:49
Air Blank	0.000	10:50
Control Test	0.047	10:50
Air Blank	0.000	10:51
Control Test	0.048	10:52
Air Blank	0.000	10:52
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

MG

Operator's Signature

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000938	Lee CSO	02/16/2023	TDG MG

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083 ≤0.003 of Wet
Inadvertently printed to the external printer. Results within range. Will attach. MG 02/16/2023	LEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000938 02/16/2023 Software: 8100.27 Test g/210L Time ----- Air Blank 0.000 11:05 Control Test 0.076 11:05 Air Blank 0.000 11:06 Control Test 0.076 11:07 Air Blank 0.000 11:07 Control Test 0.077 11:08 Air Blank 0.000 11:08 Control Test Stats Average 0.0763 Std Dev 0.0006 Rel Std Dev(%) 0.7564 MG ----- Operator's Signature	LEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000938 02/16/2023 Software: 8100.27 Test g/210L Time ----- Air Blank 0.000 10:57 Control Test 0.196 10:58 Air Blank 0.000 10:58 Control Test 0.196 10:59 Air Blank 0.000 11:00 Control Test 0.197 11:00 Air Blank 0.000 11:01 Control Test Stats Average 0.1963 Std Dev 0.0006 Rel Std Dev(%) 0.2941 MG ----- Operator's Signature	DGS LEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000938 02/16/2023 Software: 8100.27 Test g/210L Time ----- Air Blank 0.000 11:09 Control Test 0.077 11:09 Air Blank 0.000 11:10 Control Test 0.077 11:10 Air Blank 0.000 11:11 Control Test 0.077 11:11 Air Blank 0.000 11:12 Control Test Stats Average 0.0770 Std Dev 0.0000 Rel Std Dev(%) 0.0000 MG ----- Operator's Signature

Comments:

The 0.08 ARS is outside the nominal range. Will perform an optical cal adjust. MG 02/16/2023

LEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000938
02/23/2023 10:34:39

Auto Calibration
Max Power Res Value = 39
Auto Range Res Value = 23

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12508, 9um Io = 13450

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.1380 (-0.0010)
Sample #2 = 0.1190 (-0.0240)
Sample #3 = 0.1500 (-0.0170)
Sample #4 = 0.1490 (-0.0180)
Avg % Abs = 0.1393 (-0.0197)
STD DEV = 0.0176 (-0.0038)
REL STD DEV = 12.643 (19.251)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.1280 (-0.0130)
Sample #2 = 0.1230 (-0.0030)
Sample #3 = 0.1420 (-0.0220)
Sample #4 = 0.1360 (-0.0130)
Avg % Abs = 0.1337 (-0.0107)
STD DEV = 0.0097 (-0.0127)
REL STD DEV = 7.266 (118.709)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12504, 9um Io = 13448

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.8510 (-0.0070)
Sample #2 = 0.8530 (-0.0220)
Sample #3 = 0.8560 (-0.0010)
Sample #4 = 0.8430 (-0.0120)
Avg % Abs = 0.8507 (-0.0117)
STD DEV = 0.0068 (-0.0105)
REL STD DEV = 0.800 (90.034)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 1.5230 (-0.0140)
Sample #2 = 1.5150 (-0.0130)
Sample #3 = 1.5190 (-0.0100)
Sample #4 = 1.5090 (-0.0180)
Avg % Abs = 1.5143 (-0.0137)
STD DEV = 0.0050 (-0.0040)
REL STD DEV = 0.332 (29.572)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12501, 9um Io = 13446

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 1.9320 (-0.0240)
Sample #2 = 1.9140 (-0.0270)
Sample #3 = 1.8780 (-0.0030)
Sample #4 = 1.8970 (-0.0060)
Avg % Abs = 1.8963 (-0.0060)
STD DEV = 0.0180 (-0.0182)
REL STD DEV = 0.950 (304.138)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 3.5410 (-0.0070)
Sample #2 = 3.5490 (-0.0170)
Sample #3 = 3.5230 (-0.0020)
Sample #4 = 3.5200 (-0.0120)
Avg % Abs = 3.5307 (-0.0010)
STD DEV = 0.0159 (-0.0147)
REL STD DEV = 0.452 (1473.092)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12500, 9um Io = 13444

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 3.6700 (-0.0140)
Sample #2 = 3.6960 (-0.0240)
Sample #3 = 3.6760 (-0.0280)
Sample #4 = 3.6780 (-0.0220)
Avg % Abs = 3.6833 (-0.0247)
STD DEV = 0.0110 (-0.0031)
REL STD DEV = 0.299 (12.385)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 6.7880 (-0.0050)
Sample #2 = 6.8330 (-0.0130)
Sample #3 = 6.8050 (-0.0020)
Sample #4 = 6.8190 (-0.0020)
Avg % Abs = 6.8190 (-0.0057)
STD DEV = 0.0140 (-0.0064)
REL STD DEV = 0.205 (112.074)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12501, 9um Io = 13447

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 5.3830 (-0.0160)
Sample #2 = 5.3690 (-0.0020)
Sample #3 = 5.3770 (-0.0240)
Sample #4 = 5.3910 (-0.0240)
Avg % Abs = 5.3790 (-0.0167)
STD DEV = 0.0111 (-0.0127)
REL STD DEV = 0.207 (76.210)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 9.9310 (-0.0040)
Sample #2 = 9.8950 (-0.0170)
Sample #3 = 9.8880 (-0.0080)
Sample #4 = 9.9150 (-0.0100)
Avg % Abs = 9.8993 (-0.0003)
STD DEV = 0.0140 (-0.0150)
REL STD DEV = 0.142 (4513.321)

Optical Calibration	
SN:	80-000938
Agency:	Lee CSD
Date:	02/23/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG ML

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

Channel 1 Data:

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.139
Std Dev = 0.02 Rel Std Dev = 12.64
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.851
Std Dev = 0.01 Rel Std Dev = 0.80
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.896
Std Dev = 0.02 Rel Std Dev = 0.95
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.683
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.379
Std Dev = 0.01 Rel Std Dev = 0.21
Zero Order Coef = -353.24
First Order Coef = 2645.03
Second Order Coef = 13.61
Standard Deviation = 37.418682

Channel 2 Data:

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.134
Std Dev = 0.01 Rel Std Dev = 7.27
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.514
Std Dev = 0.01 Rel Std Dev = 0.33
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.531
Std Dev = 0.02 Rel Std Dev = 0.45
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.819
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.899
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -170.46
First Order Coef = 1351.55
Second Order Coef = 10.88
Standard Deviation = 20.159344

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0001
0.100	0.099	0.0005
0.200	0.201	-0.0006
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 Data:
Sample #1 = 3038.00
Sample #2 = 3016.00
Sample #3 = 3024.00
Sample #4 = 2901.00
Average Result = 2980.3333
STD DEV = 68.8210
REL STD DEV = 2.309

Channel 2 Data:
Sample #1 = 3324.00
Sample #2 = 3282.00
Sample #3 = 3299.00
Sample #4 = 3278.00
Average Result = 3286.3333
STD DEV = 11.1505
REL STD DEV = 0.339

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1024
3 um H2O Adjust (mg/l*10,000) = 829
9 um H2O Adjust (mg/l*10,000) = 523

***** AUTO CAL PASS *****

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	-0.0000
0.100	0.099	0.0011
0.200	0.201	-0.0011
0.300	0.300	0.0004

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-000938	Lee CSO	02/23/2023	TDG MG

0.05g/210L			0.08g/210L			0.20g/210L			DGS 0.08g/210L		
0.047 to 0.053			0.077 to 0.083			0.194 to 0.206			0.077 to 0.083		≤0.003 of Wet
LEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000938 02/23/2023 Software: 8100.27			LEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000938 02/23/2023 Software: 8100.27			LEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000938 02/23/2023 Software: 8100.27			DGS LEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000938 02/23/2023 Software: 8100.27		
Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time
Air Blank	0.000	12:04	Air Blank	0.000	12:16	Air Blank	0.000	12:27	Air Blank	0.000	12:33
Control Test	0.049	12:05	Control Test	0.077	12:16	Control Test	0.198	12:28	Control Test	0.080	12:33
Air Blank	0.000	12:06	Air Blank	0.000	12:17	Air Blank	0.000	12:28	Air Blank	0.000	12:34
Control Test	0.049	12:06	Control Test	0.077	12:17	Control Test	0.198	12:29	Control Test	0.080	12:34
Air Blank	0.000	12:07	Air Blank	0.000	12:18	Air Blank	0.000	12:30	Air Blank	0.000	12:35
Control Test	0.049	12:07	Control Test	0.078	12:19	Control Test	0.197	12:30	Control Test	0.079	12:35
Air Blank	0.000	12:08	Air Blank	0.000	12:19	Air Blank	0.000	12:31	Air Blank	0.000	12:35
Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats		
Average	0.0490		Average	0.0773		Average	0.1977		Average	0.0797	
Std Dev	0.0000		Std Dev	0.0006		Std Dev	0.0006		Std Dev	0.0006	
Rel Std Dev(%)	0.0000		Rel Std Dev(%)	0.7466		Rel Std Dev(%)	0.2921		Rel Std Dev(%)	0.7247	
Operator's Signature			Operator's Signature			Operator's Signature			Operator's Signature		

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LEE COUNTY SO
Time of Inspection: 12:24

Date of Inspection: 02/27/2023

Serial Number: 80-000938
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG222203 Exp: 08/10/2024
0.000	0.049	0.078	0.196	0.081
0.000	0.049	0.078	0.197	0.080
0.000	0.049	0.078	0.196	0.080
0.000	0.050	0.078	0.196	0.080
0.000	0.049	0.078	0.197	0.080
0.000	0.049	0.078	0.196	0.080
0.000	0.049	0.078	0.196	0.080
0.000	0.049	0.078	0.196	0.080
0.000	0.050	0.078	0.196	0.080
0.000	0.049	0.078	0.196	0.080

Standard Deviations	0.0004	0.0000	0.0004	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.



TAYLOR D GUTSCHOW

Signature and Printed Name

02/27/2023
Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000938, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number: 80-000938

Owning Agency: LEE COUNTY SO

Calibration Date: 02/27/2023

Calibration Time: 12:24

UNCERTAINTY* \pm

0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.004
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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

02/27/2023

Date


TAYLOR D GUTSCHOW,
Department Inspector