



Agency **Madison County Sheriff's Office**

S/N 80-000779

Date In 12/28/2021 DI Completion Date 1/4/2022

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

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

Page 1 of 1

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MADISON COUNTY SO
Time of Inspection: 11:21

Date of Inspection: 01/04/2022

Serial Number: 80-000779
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#:AG113403 Exp: 05/14/2023
0.000	0.049	0.080	0.198	0.080
0.000	0.049	0.080	0.198	0.080
0.000	0.049	0.081	0.199	0.081
0.000	0.049	0.080	0.198	0.080
0.000	0.049	0.081	0.200	0.080
0.000	0.049	0.080	0.198	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.048	0.080	0.198	0.081
0.000	0.050	0.080	0.198	0.080

Standard Deviations	0.0004	0.0005	0.0006	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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

01/04/2022
Date

stability checks

MACISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/03/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:33
Control Test	0.051	15:34
Air Blank	0.000	15:34
Control Test	0.051	15:35
Air Blank	0.000	15:36
Control Test	0.051	15:36
Air Blank	0.000	15:37
Control Test Stats		
Average	0.0510	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

MACISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/03/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:39
Control Test	0.081	15:39
Air Blank	0.000	15:40
Control Test	0.081	15:41
Air Blank	0.000	15:41
Control Test	0.080	15:42
Air Blank	0.000	15:42
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Operator's Signature

MACISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/03/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:46
Control Test	0.203	15:47
Air Blank	0.000	15:48
Control Test	0.203	15:48
Air Blank	0.000	15:49
Control Test	0.202	15:50
Air Blank	0.000	15:50
Control Test Stats		
Average	0.2027	
Std Dev	0.0006	
Rel Std Dev(%)	0.2849	

Operator's Signature

MACISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/03/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:51
Control Test	0.077	15:51
Air Blank	0.000	15:52
Control Test	0.077	15:52
Air Blank	0.000	15:53
Control Test	0.077	15:53
Air Blank	0.000	15:53
Control Test Stats		
Average	0.0770	
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 80-000779, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000779</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>MADISON COUNTY SO</u>	0.050 g/ 210 L 0.005
Calibration Date:	<u>01/04/2022</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>11:21</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. 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.

Israel Soto
Soto
Date: 2022.01.04 11:57:38
-05'00'

01/04/2022

Date

ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Optical Bench Cal. Adj.

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/04/2022 08:25:02

Auto Calibration
Max Power Res Value = 92
Auto Range Res Value = 71

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12620, Sum hi = 13299
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1770 (-0.0090)
Sample #2 = 0.1790 (0.0000)
Sample #3 = 0.1900 (0.0280)
Sample #4 = 0.1830 (0.0270)
Avg % Abs = 0.1840 (0.0183)
STD DEV = 0.0056 (0.0159)
REL STD DEV = 3.026 (86.645)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.2500 (-0.0150)
Sample #2 = 0.2610 (-0.0210)
Sample #3 = 0.2580 (-0.0030)
Sample #4 = 0.2230 (0.0050)
Avg % Abs = 0.2463 (-0.0063)
STD DEV = 0.0229 (0.0133)
REL STD DEV = 9.278 (210.263)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12613, Sum hi = 13302
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8860 (-0.0280)
Sample #2 = 0.8540 (0.0150)
Sample #3 = 0.8470 (0.0140)
Sample #4 = 0.8860 (0.0010)
Avg % Abs = 0.8623 (0.0100)
STD DEV = 0.0208 (0.0078)
REL STD DEV = 2.411 (78.102)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.6530 (-0.0150)
Sample #2 = 1.6100 (0.0130)
Sample #3 = 1.5820 (0.0360)
Sample #4 = 1.6090 (0.0240)
Avg % Abs = 1.6003 (0.0243)
STD DEV = 0.0159 (0.0115)
REL STD DEV = 0.993 (47.275)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12612, Sum hi = 13297
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9230 (-0.0280)
Sample #2 = 1.9100 (0.0000)
Sample #3 = 1.8860 (0.0030)
Sample #4 = 1.9000 (0.0020)
Avg % Abs = 1.8987 (0.0017)
STD DEV = 0.0121 (0.0015)
REL STD DEV = 0.635 (91.652)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5970 (-0.0010)
Sample #2 = 3.5940 (0.0120)
Sample #3 = 3.5650 (0.0160)
Sample #4 = 3.5830 (0.0190)
Avg % Abs = 3.5807 (0.0157)
STD DEV = 0.0146 (0.0035)
REL STD DEV = 0.409 (22.416)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12609, Sum hi = 13292
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5500 (-0.0240)
Sample #2 = 3.5310 (-0.0210)
Sample #3 = 3.5490 (-0.0040)
Sample #4 = 3.5800 (-0.0030)
Avg % Abs = 3.5267 (-0.0093)
STD DEV = 0.0248 (0.0101)
REL STD DEV = 0.703 (108.386)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.7100 (-0.0070)
Sample #2 = 6.6580 (0.0000)
Sample #3 = 6.6710 (0.0040)
Sample #4 = 6.6270 (-0.0050)
Avg % Abs = 6.6520 (-0.0003)
STD DEV = 0.0226 (0.0045)
REL STD DEV = 0.340 (1352.775)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12612, Sum hi = 13292
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.1850 (-0.0080)
Sample #2 = 5.1620 (0.0070)
Sample #3 = 5.1610 (0.0160)
Sample #4 = 5.1650 (0.0060)
Avg % Abs = 5.1627 (0.0097)
STD DEV = 0.0021 (0.0055)
REL STD DEV = 0.040 (56.975)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.7390 (-0.0270)
Sample #2 = 9.7050 (0.0000)
Sample #3 = 9.6740 (0.0200)
Sample #4 = 9.7000 (0.0090)
Avg % Abs = 9.6930 (0.0097)
STD DEV = 0.0166 (0.0100)
REL STD DEV = 0.172 (103.621)

***** AUTO CAL DATA *****
<<<< CHANNEL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.184
Std Dev = 0.01 Rel Std Dev = 3.03
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.862
Std Dev = 0.02 Rel Std Dev = 2.41
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.899
Std Dev = 0.01 Rel Std Dev = 0.63
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.527
Std Dev = 0.02 Rel Std Dev = 0.70
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.163
Std Dev = 0.00 Rel Std Dev = 0.04
Zero Order Coef = -511.06
First Order Coef = 2762.53
Second Order Coef = 20.50
Standard Deviation = 31.605373

<<<< CHANNEL 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.246
Std Dev = 0.02 Rel Std Dev = 3.28
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.600
Std Dev = 0.02 Rel Std Dev = 0.99
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.581
Std Dev = 0.01 Rel Std Dev = 0.41
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.652
Std Dev = 0.02 Rel Std Dev = 0.34
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.693
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -364.65
First Order Coef = 1403.90
Second Order Coef = 11.28
Standard Deviation = 36.236286

optical 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	0.0000
0.040	0.040	0.0004
0.100	0.101	-0.0010
0.200	0.199	0.0008
0.300	0.300	-0.0002

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0004
0.040	0.040	-0.0001
0.100	0.101	-0.0009
0.200	0.199	0.0011
0.300	0.300	-0.0004

Sci Value = 0.080 g/210L ***
Fit value = 0.3810 ngr! %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2753.00
Sample #2 = 2767.00
Sample #3 = 2864.00
Sample #4 = 2867.00
Average Result = 2832.6667
STD DEV = 56.8888
REL STD DEV = 2.008

***** CHANNEL 2
Sample #1 = 3125.00
Sample #2 = 3078.00
Sample #3 = 3117.00
Sample #4 = 3103.00
Average Result = 3099.3333
STD DEV = 19.7569
REL STD DEV = 0.637

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1026
3 um H2O Adjust (mgr/l*10,000) = 977
9 um H2O Adjust (mgr/l*10,000) = 710
**** AUTO CAL PASS

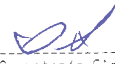
MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/04/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:27
Control Test	0.049	09:28
Air Blank	0.000	09:28
Control Test	0.050	09:29
Air Blank	0.000	09:30
Control Test	0.048	09:30
Air Blank	0.000	09:31
Control Test Stats		
Average	0.0490	
Std Dev	0.0010	
Rel Std Dev(%)	2.0408	


Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/04/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:37
Control Test	0.198	09:37
Air Blank	0.000	09:38
Control Test	0.199	09:39
Air Blank	0.000	09:39
Control Test	0.198	09:40
Air Blank	0.000	09:40
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	


Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/04/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:32
Control Test	0.079	09:32
Air Blank	0.000	09:33
Control Test	0.079	09:34
Air Blank	0.000	09:34
Control Test	0.080	09:35
Air Blank	0.000	09:35
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

wet


Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000779
01/04/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.080	09:42
Air Blank	0.000	09:42
Control Test	0.080	09:43
Air Blank	0.000	09:43
Control Test	0.080	09:44
Air Blank	0.000	09:44
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

Dry