

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: JACKSONVILLE SO
Time of Inspection: 14:46

Date of Inspection: 11/16/2022

Serial Number: 80-001278
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#:08121080A1 Exp: 05/05/2023
0.000	0.048	0.078	0.200	0.080
0.000	0.048	0.078	0.200	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.077	0.200	0.080
0.000	0.048	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.078	0.199	0.080

Standard Deviations	0.0004	0.0003	0.0005	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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.



PHIL NICODEMO

Signature and Printed Name

11/16/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stability Checks	80-001278	Jacksonville Sheriff's Office	11/1/2022	PN

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
✓	✓	✓	✓
JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 11/01/2022 Software: 8100.27 SN 80-001278 Test g/210L Time Air Blank 0.000 09:32 Control Test 0.049 09:33 Air Blank 0.000 09:33 Control Test 0.048 09:34 Air Blank 0.000 09:34 Control Test 0.049 09:35 Air Blank 0.000 09:36 Control Test Stats Average 0.0487 Std Dev 0.0006 Rel Std Dev(%) 1.1863 Operator's Signature	JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 11/01/2022 Software: 8100.27 SN 80-001278 Test g/210L Time Air Blank 0.000 09:37 Control Test 0.079 09:38 Air Blank 0.000 09:39 Control Test 0.078 09:39 Air Blank 0.000 09:40 Control Test 0.078 09:41 Air Blank 0.000 09:41 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370 Operator's Signature	JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 11/01/2022 Software: 8100.27 SN 80-001278 Test g/210L Time Air Blank 0.000 09:44 Control Test 0.201 09:44 Air Blank 0.000 09:45 Control Test 0.199 09:46 Air Blank 0.000 09:46 Control Test 0.198 09:47 Air Blank 0.000 09:47 Control Test Stats Average 0.1993 Std Dev 0.0015 Rel Std Dev(%) 0.7663 Operator's Signature	JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 11/01/2022 Software: 8100.27 SN 80-001278 Test g/210L Time Air Blank 0.000 09:49 Control Test 0.076 09:49 Air Blank 0.000 09:49 Control Test 0.077 09:50 Air Blank 0.000 09:50 Control Test 0.077 09:51 Air Blank 0.000 09:51 Control Test Stats Average 0.0767 Std Dev 0.0006 Rel Std Dev(%) 0.7531 Operator's Signature

Comments: N/A

Type of Test	Serial Number	Agency	Date	Performed By
Stability Checks	80-001278	Jacksonville Sheriff's Office	11/1/2022	PN

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	

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model: 8000
11/01/2022
Software: 8100.27

SN 80-001278

Test	g/210L	Time
Air Blank	0.000	09:52
Control Test	0.077	09:52
Air Blank	0.000	09:53
Control Test	0.076	09:53
Air Blank	0.000	09:54
Control Test	0.078	09:54
Air Blank	0.000	09:54
Control Test Stats		
Average	0.0770	
Std Dev	0.0010	
Rel Std Dev(%)	1.2987	



Operator's Signature

Comments: Repeated 0.08 g/210L DGS test



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001278, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001278</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>JACKSONVILLE SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>11/16/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:46</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.

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Phil Nicodemo
Nicodemo
Date: 2022.11.16 15:17:52 -05'00'

Digitally signed by Phil

11/16/2022

Date

PHIL NICODEMO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001278
11/16/2022 09:37:14

Optical Bench
Calibration Adjustment

Auto Calibration



pg 1 of 2

<<<<< 3um >>>>> <<<<< 9um >>>>>

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.0830	(-0.0280)	0.1110	(-0.0020)
Sample #2	0.0840	(-0.0080)	0.1300	(-0.0190)
Sample #3	0.1020	(-0.0150)	0.1230	(-0.0120)
Sample #4	0.0840	(0.0130)	0.1210	(0.0040)
Avg % Abs	0.0900	(-0.0033)	0.1247	(-0.0090)
STD DEV	0.0104	(0.0146)	0.0047	(0.0118)
REL STD DEV	11.547	(437.150)	3.791	(130.998)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8040	(-0.0090)	1.5050	(-0.0120)
Sample #2	0.7990	(0.0100)	1.4890	(0.0140)
Sample #3	0.8010	(0.0240)	1.4990	(0.0120)
Sample #4	0.7800	(0.0150)	1.4850	(0.0030)
Avg % Abs	0.7933	(0.0163)	1.4910	(0.0097)
STD DEV	0.0116	(0.0071)	0.0072	(0.0059)
REL STD DEV	1.461	(43.436)	0.484	(60.615)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8450	(-0.0180)	3.5200	(-0.0030)
Sample #2	1.8490	(0.0240)	3.4970	(0.0200)
Sample #3	1.8410	(0.0100)	3.5100	(0.0220)
Sample #4	1.8700	(0.0290)	3.4920	(0.0380)
Avg % Abs	1.8533	(0.0210)	3.4997	(0.0267)
STD DEV	0.0150	(0.0098)	0.0093	(0.0099)
REL STD DEV	0.808	(46.899)	0.266	(36.997)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.5710	(-0.0290)	6.7060	(-0.0220)
Sample #2	3.5500	(-0.0060)	6.6860	(0.0080)
Sample #3	3.5570	(0.0160)	6.7000	(0.0210)
Sample #4	3.5440	(0.0140)	6.6790	(0.0130)
Avg % Abs	3.5503	(0.0080)	6.6883	(0.0140)
STD DEV	0.0065	(0.0122)	0.0107	(0.0066)
REL STD DEV	0.183	(152.069)	0.160	(46.839)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.1740	(-0.0180)	9.7260	(-0.0070)
Sample #2	5.1540	(0.0220)	9.6840	(0.0480)
Sample #3	5.1770	(0.0260)	9.6970	(0.0450)
Sample #4	5.1730	(0.0300)	9.7190	(0.0390)
Avg % Abs	5.1680	(0.0260)	9.7000	(0.0440)
STD DEV	0.0123	(0.0040)	0.0177	(0.0046)
REL STD DEV	0.238	(15.385)	0.182	(10.415)

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001278
11/16/2022 09:37:14

Optical Bench
Calibration Adjustment

pg 2 of 2

Auto Calibration

<<<< 3um >>>>

Zero Order Coef -220.49
First Order Coef 2622.08
Second Order Coef 35.55

<<<< 9um >>>>

-162.92
1360.48
13.27

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003
0.040	0.040	0.0005
0.100	0.100	0.0000
0.200	0.200	-0.0003
0.300	0.300	0.0001

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.040	0.040	0.0002
0.100	0.100	0.0000
0.200	0.200	-0.0001
0.300	0.300	0.0001

<<<< 3um >>>> <<<< 9um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1 2949.00 3347.00
Sample #2 2959.00 3317.00
Sample #3 3043.00 3343.00
Sample #4 3054.00 3351.00
Avg 3018.6667 3337.0000
STD DEV 51.9647 17.7764
REL STD DEV 1.721 0.533
H2O adjust (mg/l*10k) 791 472

Barometric Pressure = 1019

*****CALIBRATION SUCCESSFUL*****

Post Stability Checks

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001278
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:08
Control Test	0.049	11:09
Air Blank	0.000	11:09
Control Test	0.048	11:10
Air Blank	0.000	11:10
Control Test	0.049	11:11
Air Blank	0.000	11:12
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001278
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:13
Control Test	0.078	11:14
Air Blank	0.000	11:14
Control Test	0.078	11:15
Air Blank	0.000	11:15
Control Test	0.078	11:16
Air Blank	0.000	11:17
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001278
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.200	11:18
Air Blank	0.000	11:19
Control Test	0.199	11:20
Air Blank	0.000	11:20
Control Test	0.199	11:21
Air Blank	0.000	11:21
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

wet

Operator's Signature

Operator's Signature

Operator's Signature

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001278
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:24
Control Test	0.080	11:24
Air Blank	0.000	11:25
Control Test	0.080	11:25
Air Blank	0.000	11:26
Control Test	0.080	11:26
Air Blank	0.000	11:26
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Operator's Signature