



INSTRUMENT PROCESSING SHEET

Agency Florida Department of Law EnforcementS/N 80-000228Florida Department of
Law EnforcementDate In 10-04-2022 DI Completion Date 10-18-2022☐ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date	10-05-2022	Flow Calibration	By	Date																													
☒ Annual ☐ Registration ☐ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☒ Power cord ☐ Printer Cable ☒ Static Bag ☐ 12V DC Cable Notes: Left keyboard peg section is missing, keyboard tray cannot close and remain secure.		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>182</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.511</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</u> ☒ Stability Checks				☐ Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 53mm ☐ 30L/min - 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																															
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Notes/Suggested Service: <u>0.200 g/210L Stability Check values not nominal, performed Optical Bench Calibration Adjustment.</u>					☒ Instrument Complies with Chapter 11D-8, FAC																																
<u>Loaner instrument, will remain at FDLE until sent to agency. IS</u>					☐ Instrument Does Not Comply with Chapter 11D-8, FAC																																
					☒ Return to/Place into Evidentiary Use																																
					☐ Remain Out of Evidentiary Use																																
					☒ Conduct an Agency Inspection Before Evidentiary Use																																
					Taylor Gutschow		2022.10.20 15:23:19 0400																														
					Tech Review / Date		Admin Review / Date																														

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FDLE

Time of Inspection: 12:24

Date of Inspection: 10/18/2022

Serial Number: 80-000228

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	0.050	0.079	0.204	0.079
0.000	0.050	0.080	0.204	0.079
0.000	0.050	0.080	0.204	0.079
0.000	0.050	0.080	0.205	0.079
0.000	0.050	0.080	0.204	0.079
0.000	0.050	0.080	0.205	0.079
0.000	0.050	0.080	0.204	0.079
0.000	0.050	0.080	0.204	0.079
0.000	0.050	0.080	0.205	0.079
0.000	0.050	0.080	0.204	0.079

Standard Deviations	0.0000	0.0003	0.0004	0.0000
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0001 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
Signature and Printed Name

10/18/2022
Date

stability checks

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 60-000226
10/05/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:09
Control Test	0.051	08:10
Air Blank	0.000	08:10
Control Test	0.050	08:11
Air Blank	0.000	08:12
Control Test	0.049	08:12
Air Blank	0.000	08:13
Control Test Stats		
Average	0.0500	
Std Dev	0.0010	
Rel Std Dev(%)	2.0000	

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 60-000226
10/05/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:15
Control Test	0.081	08:15
Air Blank	0.000	08:16
Control Test	0.080	08:17
Air Blank	0.000	08:17
Control Test	0.079	08:18
Air Blank	0.000	08:18
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

wet

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 60-000226
10/05/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:20
Control Test	0.207	08:20
Air Blank	0.000	08:21
Control Test	0.205	08:22
Air Blank	0.000	08:22
Control Test	0.205	08:23
Air Blank	0.000	08:24
Control Test Stats		
Average	0.2057	
Std Dev	0.0012	
Rel Std Dev(%)	0.5614	

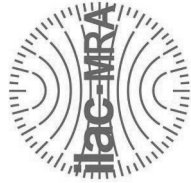
Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 60-000226
10/05/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:26
Control Test	0.079	08:26
Air Blank	0.000	08:27
Control Test	0.079	08:27
Air Blank	0.000	08:28
Control Test	0.079	08:28
Air Blank	0.000	08:29
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Operator's Signature



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 80-000228, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000228</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FDLE</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/18/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:24</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: 2022.10.18
12:36:11 -04'00'

Date

ISRAEL SOTO,

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Department Inspector

Service • Integrity • Respect • Quality

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
10/18/2022 09:02:50

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 0.1330 (-0.0260) 0.1360 (-0.0070)
Sample #2 0.1180 (-0.0260) 0.1410 (-0.0070)
Sample #3 0.0810 (0.0390) 0.0970 (0.0270)
Sample #4 0.1140 (0.0580) 0.1130 (0.0350)
Avg % Abs 0.1043 (0.0237) 0.1170 (0.0183)
STD DEV 0.0203 (0.0440) 0.0223 (0.0223)
REL STD DEV 19.463 (186.123) 19.035 (121.642)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.8640 (-0.0530) 1.5630 (-0.0270)
Sample #2 0.8100 (0.0150) 1.5320 (0.0210)
Sample #3 0.8490 (-0.0150) 1.5330 (0.0200)
Sample #4 0.8400 (0.0480) 1.5500 (0.0390)
Avg % Abs 0.8330 (0.0160) 1.5383 (0.0267)
STD DEV 0.0204 (0.0315) 0.0101 (0.0107)
REL STD DEV 2.451 (196.949) 0.658 (40.098)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 1.9600 (0.0060) 3.6790 (-0.0010)
Sample #2 1.9020 (0.0660) 3.6050 (0.0820)
Sample #3 1.9030 (0.0820) 3.5910 (0.0960)
Sample #4 1.9090 (0.0570) 3.5840 (0.0960)
Avg % Abs 1.9047 (0.0683) 3.5933 (0.0913)
STD DEV 0.0038 (0.0127) 0.0107 (0.0081)
REL STD DEV 0.199 (18.530) 0.298 (8.850)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 3.7070 (-0.0030) 6.9830 (0.0020)
Sample #2 3.6280 (0.0760) 6.8460 (0.1530)
Sample #3 3.6190 (0.1340) 6.8330 (0.1810)
Sample #4 3.6290 (0.1270) 6.8410 (0.1870)
Avg % Abs 3.6253 (0.1123) 6.8400 (0.1737)
STD DEV 0.0055 (0.0317) 0.0066 (0.0181)
REL STD DEV 0.152 (28.184) 0.096 (10.450)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.4340 (-0.0470) 10.1350 (-0.0320)
Sample #2 5.2680 (0.0950) 9.9020 (0.2010)
Sample #3 5.2840 (0.0790) 9.8970 (0.2150)
Sample #4 5.2630 (0.1000) 9.8730 (0.2300)
Avg % Abs 5.2717 (0.0913) 9.8907 (0.2153)
STD DEV 0.0110 (0.0110) 0.0155 (0.0145)
REL STD DEV 0.208 (12.011) 0.157 (6.735)

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
10/18/2022 09:02:50

Optical Bench
Calibration Adjustment
✓

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -265.79
First Order Coef 2571.11
Second Order Coef 35.85

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

<<<< 9um >>>>

-153.11
1314.72
14.66

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

<<<< 3um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1

Sample	3um	9um
Sample #1	3237.00	3417.00
Sample #2	3183.00	3417.00
Sample #3	3257.00	3447.00
Sample #4	3092.00	3422.00
Avg	3177.3333	3428.6667
STD DEV	82.6458	16.0728
REL STD DEV	2.601	0.469
H2O adjust (mg/l*10k)	632	381

Barometric Pressure = 1011

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

Post Stability Checks

FDLE

Intoxilyzer - Alcohol Analyzer

Model: 8000

SN: 80-000228

10/18/2022

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:05
Control Test	0.049	10:06
Air Blank	0.000	10:06
Control Test	0.048	10:07
Air Blank	0.000	10:08
Control Test	0.049	10:08
Air Blank	0.000	10:09
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	


Operator's Signature

FDLE

Intoxilyzer - Alcohol Analyzer

Model: 8000

SN: 80-000228

10/18/2022

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:10
Control Test	0.080	10:11
Air Blank	0.000	10:11
Control Test	0.078	10:12
Air Blank	0.000	10:12
Control Test	0.079	10:13
Air Blank	0.000	10:14
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

Wet


Operator's Signature

FDLE

Intoxilyzer - Alcohol Analyzer

Model: 8000

SN: 80-000228

10/18/2022

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:16
Control Test	0.203	10:16
Air Blank	0.000	10:17
Control Test	0.213	10:18
Air Blank	0.000	10:18
Control Test	0.201	10:19
Air Blank	0.000	10:20
Control Test Stats		
Average	0.2023	
Std Dev	0.0012	
Rel Std Dev(%)	0.5707	


Operator's Signature

FDLE

Intoxilyzer - Alcohol Analyzer

Model: 8000

SN: 80-000228

10/18/2022

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:21
Control Test	0.079	10:21
Air Blank	0.000	10:22
Control Test	0.079	10:22
Air Blank	0.000	10:23
Control Test	0.078	10:23
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Dry


Operator's Signature