



INSTRUMENT PROCESSING SHEET

Agency FL Highway Patrol

S/N 80-003410

Florida Department of Law Enforcement

Date In 01/07/2025 DI Completion Date 02/05/2025

Ship P/U H/D CMI EE

Intake By ALL Date 01/07/2025 Quality Checks By DA Date 01/08/2025 Flow Calibration By DA Date 01/08/2025. Includes sections for Annual/Registration, Visual Inspection, Other Equipment, and various calibration checks.

Calibration Adjustment and Department Inspection sections. Includes tables for Barometric Pressure Gauge 1018 and 1019, Mouth Alcohol Solution, and Acetone Stock Solution.

Notes/Suggested Service section and digital signatures. Includes a signature for Shayla Platt and a digital signature for Taylor Gutschow.

Stability Checks 80-003410 DA 1/8/25

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003410
01/08/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:43
Control Test	0.042	11:43
Air Blank	0.000	11:44
Control Test	0.045	11:45
Air Blank	0.000	11:45
Control Test	0.046	11:46
Air Blank	0.000	11:46
Control Test Stats		
Average	0.0443	
Std Dev	0.0021	
Rel Std Dev(%)	4.6955	



Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003410
01/08/2025
Software: 8100.27

Test	g/210L	Time
-----	-----	-----
Air Blank	0.000	11:49
Control Test	0.078	11:49
Air Blank	0.000	11:50
Control Test	0.077	11:50
Air Blank	0.000	11:51
Control Test	0.078	11:52
Air Blank	0.000	11:52
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

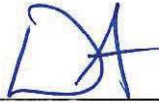
wet

DA

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003410
01/08/2025
Software: 8100.27

Test	g/210L	Time
-----	-----	-----
Air Blank	0.000	11:54
Control Test	0.202	11:54
Air Blank	0.000	11:55
Control Test	0.202	11:55
Air Blank	0.000	11:56
Control Test	0.201	11:57
Air Blank	0.000	11:57
Control Test Stats		
Average	0.2017	
Std Dev	0.0006	
Rel Std Dev(%)	0.2863	



Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003410
01/08/2025
Software: 8100.27

Test	g/210L	Time
-----	-----	-----
Air Blank	0.000	11:59
Control Test	0.081	11:59
Air Blank	0.000	11:59
Control Test	0.081	12:00
Air Blank	0.000	12:00
Control Test	0.081	12:00
Air Blank	0.000	12:01
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	DGS

Operator's Signature

Optical Bench Calibration Adjustment 80-003410 DA 2/5/25

FL HIGHWAY PATROL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003410
 02/05/2025 09:00:17

Auto Calibration
 Max Power Res Value = 22
 Auto Range Res Value = 14

Sol Value = 0.000 g/210L ***
 Fit value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12762, Sum Io = 13503

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.0740 (-0.0070)
 Sample #2 = 0.0680 (0.0020)
 Sample #3 = 0.0590 (0.0110)
 Sample #4 = 0.0800 (0.0060)
 Avg % Abs = 0.0690 (0.0063)
 STD DEV = 0.0105 (0.0045)
 REL STD DEV = 15.269 (71.199)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1200 (0.0020)
 Sample #2 = 0.1210 (0.0120)
 Sample #3 = 0.1220 (0.0180)
 Sample #4 = 0.1460 (0.0060)
 Avg % Abs = 0.1297 (0.0120)
 STD DEV = 0.0142 (0.0060)
 REL STD DEV = 10.916 (50.000)

Sol Value = 0.040 g/210L ***
 Fit value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12759, Sum Io = 13499

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.8010 (-0.0020)
 Sample #2 = 0.8100 (0.0050)
 Sample #3 = 0.8180 (-0.0030)
 Sample #4 = 0.8120 (0.0100)
 Avg % Abs = 0.8133 (0.0040)
 STD DEV = 0.0042 (0.0066)
 REL STD DEV = 0.512 (163.936)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5600 (0.0030)
 Sample #2 = 1.5630 (0.0000)
 Sample #3 = 1.5610 (-0.0040)
 Sample #4 = 1.5590 (0.0040)
 Avg % Abs = 1.5610 (0.0000)
 STD DEV = 0.0020 (0.0040)
 REL STD DEV = 0.128 (0.000)

Sol Value = 0.100 g/210L ***
 Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12757, Sum Io = 13497

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.7820 (-0.0110)
 Sample #2 = 1.7720 (0.0040)
 Sample #3 = 1.7930 (-0.0060)
 Sample #4 = 1.7930 (-0.0060)
 Avg % Abs = 1.7860 (-0.0027)
 STD DEV = 0.0121 (0.0058)
 REL STD DEV = 0.679 (216.506)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.4810 (-0.0070)
 Sample #2 = 3.4840 (0.0020)
 Sample #3 = 3.4870 (0.0020)
 Sample #4 = 3.4820 (0.0000)
 Avg % Abs = 3.4843 (0.0013)
 STD DEV = 0.0025 (0.0012)
 REL STD DEV = 0.072 (86.603)

Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12759, Sum Io = 13496

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6230 (-0.0100)
 Sample #2 = 3.6210 (-0.0080)
 Sample #3 = 3.6450 (-0.0170)
 Sample #4 = 3.6250 (-0.0080)
 Avg % Abs = 3.6303 (-0.0110)
 STD DEV = 0.0129 (0.0052)
 REL STD DEV = 0.354 (47.238)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 7.0230 (-0.0020)
 Sample #2 = 6.9970 (0.0050)
 Sample #3 = 7.0140 (-0.0030)
 Sample #4 = 7.0130 (-0.0020)
 Avg % Abs = 7.0080 (0.0000)
 STD DEV = 0.0095 (0.0044)
 REL STD DEV = 0.136 (0.000)

Sol Value = 0.300 g/210L ***
 Fit value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12762, Sum Io = 13496

Channel 1 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.3260 (-0.0060)
 Sample #2 = 5.3290 (0.0140)
 Sample #3 = 5.3220 (0.0210)
 Sample #4 = 5.2840 (0.0590)
 Avg % Abs = 5.3117 (0.0313)
 STD DEV = 0.0242 (0.0242)
 REL STD DEV = 0.456 (77.280)

Channel 2 Data:
 Sample % Abs (% Abs Ref)
 Sample #1 = 10.1990 (-0.0090)
 Sample #2 = 10.1690 (0.0190)
 Sample #3 = 10.1750 (0.0150)
 Sample #4 = 10.0950 (0.0870)
 Avg % Abs = 10.1463 (0.0403)
 STD DEV = 0.0446 (0.0405)
 REL STD DEV = 0.439 (100.324)

Auto Cal Data Channel 1:
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.069
 Std Dev = 0.01 Rel Std Dev = 15.27
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.813
 Std Dev = 0.00 Rel Std Dev = 0.51
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.786
 Std Dev = 0.01 Rel Std Dev = 0.68
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.630
 Std Dev = 0.01 Rel Std Dev = 0.35
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.312
 Std Dev = 0.02 Rel Std Dev = 0.46
 Zero Order Coef = -189.96
 First Order Coef = 2673.14
 Second Order Coef = 8.61
 Standard Deviation = 102.243263

Channel 2 Data:
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.130
 Std Dev = 0.01 Rel Std Dev = 10.92
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.561
 Std Dev = 0.00 Rel Std Dev = 0.13
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.484
 Std Dev = 0.00 Rel Std Dev = 0.07
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 7.008
 Std Dev = 0.01 Rel Std Dev = 0.14
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.146
 Std Dev = 0.04 Rel Std Dev = 0.44
 Zero Order Coef = -164.85
 First Order Coef = 1349.91
 Second Order Coef = 6.94
 Standard Deviation = 95.612556

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0002
0.040	0.041	-0.0011
0.100	0.097	0.0029
0.200	0.202	-0.0024
0.300	0.299	0.0008

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Channel 1 Data:
 Sample #1 = 3350.00
 Sample #2 = 3330.00
 Sample #3 = 3343.00
 Sample #4 = 3341.00
 Average Result = 3338.0000
 STD DEV = 7.0000
 REL STD DEV = 0.210

Channel 2 Data:
 Sample #1 = 3483.00
 Sample #2 = 3484.00
 Sample #3 = 3483.00
 Sample #4 = 3516.00
 Average Result = 3494.3333
 STD DEV = 18.7705
 REL STD DEV = 0.537

Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1018
 3 um H2O Adjust (mg/l*10,000) = 471
 9 um H2O Adjust (mg/l*10,000) = 315
 **** AUTO CAL PASS

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.042	-0.0018
0.100	0.097	0.0032
0.200	0.202	-0.0022
0.300	0.299	0.0007

Post-Stability Checks 80-003410 DA 2/5/25

FL HIGHWAY PATROL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003410
 02/05/2025
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:37
Control Test	0.048	10:38
Air Blank	0.000	10:38
Control Test	0.049	10:39
Air Blank	0.000	10:39
Control Test	0.049	10:40
Air Blank	0.000	10:41
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

DA

Operator's Signature

FL HIGHWAY PATROL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003410
 02/05/2025
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:49
Control Test	0.080	10:49
Air Blank	0.000	10:50
Control Test	0.081	10:50
Air Blank	0.000	10:51
Control Test	0.081	10:52
Air Blank	0.000	10:52
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

wet

DA

Operator's Signature

FL HIGHWAY PATROL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003410
 02/05/2025
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:43
Control Test	0.200	10:44
Air Blank	0.000	10:44
Control Test	0.199	10:45
Air Blank	0.000	10:46
Control Test	0.199	10:46
Air Blank	0.000	10:47
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

DA

Operator's Signature

FL HIGHWAY PATROL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003410
 02/05/2025
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:54
Control Test	0.078	10:54
Air Blank	0.000	10:54
Control Test	0.078	10:55
Air Blank	0.000	10:55
Control Test	0.079	10:56
Air Blank	0.000	10:56
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

DA

Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 12:46

Date of Inspection: 02/05/2025

Serial Number: 80-003410
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#:202406K Exp: 06/19/2026	0.08g/210L Test (g/210L) Lot#:202406L Exp: 06/19/2026	0.20g/210L Test (g/210L) Lot#:202406N Exp: 06/20/2026	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG429602 Exp: 10/22/2026
0.000	0.047	0.081	0.200	0.078
0.000	0.047	0.081	0.201	0.078
0.000	0.047	0.082	0.201	0.078
0.000	0.047	0.081	0.200	0.077
0.000	0.047	0.081	0.200	0.077
0.000	0.047	0.081	0.200	0.077
0.000	0.047	0.082	0.200	0.077
0.000	0.047	0.081	0.200	0.077
0.000	0.047	0.082	0.200	0.077
0.000	0.047	0.081	0.201	0.077

Standard Deviations	0.0000	0.0004	0.0004	0.0004
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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.

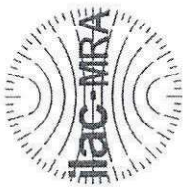
I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



DESTINEE N ARMSTRONG

Signature and Printed Name

02/05/2025
Date



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

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-003410, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-003410</u>	UNCERTAINTY* ±	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/05/2025</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:46</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.
This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

02/05/2025

Date

DESTINEE N ARMSTRONG,
Department Inspector

FDLE/ATP Form 69 October 2024
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality