



80-001361

Flow Cal

01/26/2023

MG

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001361  
01/26/2023  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SQRT(Diff) = 6.000  
2: Rate (Liters/min) = 15  
SQRT(Diff) = 11.398  
3: Rate (Liters/min) = 30  
SQRT(Diff) = 20.660  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 663  
Rounded Intercept = -484915  
Correlation = 0.99935



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1361	FHP	01/24/2023	TDG MG

0.05g/210L 0.047 to 0.053	0.08g/210L 0.077 to 0.083	0.20g/210L 0.194 to 0.206	DGS 0.08g/210L 0.077 to 0.083 ≤0.003 of Wet																																																																																																																																																
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Comments:

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL  
Time of Inspection: 13:09

Date of Inspection: 01/26/2023

Serial Number: 80-001361  
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#:00521080A2 Exp: 02/05/2023
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.050	0.078	0.200	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.050	0.078	0.200	0.079

Standard Deviations	0.0004	0.0004	0.0003	0.0000
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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

01/26/2023  
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 80-001361, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001361</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/26/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:09</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  $\pm 0.005$  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.

01/26/2023

Date

  
TAYLOR D GUTSCHOW,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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