



80-001001

Flow Cal

01/26/2023

TMG

SATELLITE BEACH P.D.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001001  
01/26/2023  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*

1: Rate (Liters/min) = 5

SQRT(Diff) = 7.000

2: Rate (Liters/min) = 15

SQRT(Diff) = 11.914

3: Rate (Liters/min) = 30

SQRT(Diff) = 21.469

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 667

Rounded Intercept = -630170

Correlation = 0.99768



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001001	Satellite Beach PD	01/26/2023	TDG <i>MG</i>

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 ✓
SATELLITE BEACH P.D. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001001 01/26/2023 Software: 8100.27	SATELLITE BEACH P.D. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001001 01/26/2023 Software: 8100.27	SATELLITE BEACH P.D. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001001 01/26/2023 Software: 8100.27	065 SATELLITE BEACH P.D. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001001 01/26/2023 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 10:27	Air Blank 0.000 10:33	Air Blank 0.000 10:40	Air Blank 0.000 10:22
Control Test 0.049 10:28	Control Test 0.078 10:34	Control Test 0.201 10:41	Control Test 0.079 10:22
Air Blank 0.000 10:29	Air Blank 0.000 10:35	Air Blank 0.000 10:41	Air Blank 0.000 10:23
Control Test 0.049 10:29	Control Test 0.078 10:35	Control Test 0.199 10:42	Control Test 0.080 10:23
Air Blank 0.000 10:30	Air Blank 0.000 10:36	Air Blank 0.000 10:43	Air Blank 0.000 10:24
Control Test 0.049 10:31	Control Test 0.078 10:37	Control Test 0.199 10:43	Control Test 0.080 10:24
Air Blank 0.000 10:31	Air Blank 0.000 10:37	Air Blank 0.000 10:44	Air Blank 0.000 10:24
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0490	Average 0.0780	Average 0.1997	Average 0.0797
Std Dev 0.0000	Std Dev 0.0000	Std Dev 0.0012	Std Dev 0.0006
Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.5783	Rel Std Dev(%) 0.7247
MG Operator's Signature	MG Operator's Signature	MG Operator's Signature	MG Operator's Signature

Comments:

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: SATELLITE BEACH P.D.  
Time of Inspection: 13:51

Date of Inspection: 01/26/2023

Serial Number: 80-001001  
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	0.048	0.079	0.200 / 0.199	0.078
0.000	0.049	0.078	0.201 / 0.200	0.079
0.000	0.048	0.078	0.198 / 0.199	0.079
0.000	0.049	0.078	0.196 / 0.199	0.078
0.000	0.049	0.078	0.195 / 0.200	0.078
0.000	0.049	0.078	0.193 / 0.199	0.078
0.000	0.048	0.078	0.191 / 0.199	0.078
0.000	0.049	0.078	0.188 / 0.200	0.078
0.000	0.049	0.079	0.187 / 0.199	0.078
0.000	0.048	0.078	0.184 / 0.199	0.079

Standard Deviations	0.0005	0.0004	0.0057 / 0.0004	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:**

20: Control Outside Tolerance.

The simulator power card became unplugged while I was <sup>away</sup> ~~away~~ inspecting other instruments. I reattached the power cord, allowed the simulator to warm back up, and repeated the 0.20 AFS Test. The repeated test was within the acceptable range.

TDG 01/26/2023

The above instrument complies ( X ) 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*

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 80-001001, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001001</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>SATELLITE BEACH P.D.</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>13:51</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.

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01/26/2023

Date

  
TAYLOR D GUTSCHOW,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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