



INSTRUMENT PROCESSING SHEET

Agency Volusia County Sheriff's Office

S/N 80-001170

Florida Department of Law Enforcement

Date In 04/23/2020

DI Completion Date 5/11/20

Ship P/U H/D CMI EE

Intake Performed By RAW
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:

Quality Checks Performed By DA
Breath Tube Screen Replace External O-Rings Instrument Set Up Verified R-Value 169 Flow Verification (L/s)
Flow Column # ATP-102
32 mm 0.144 (.139 - .169)
36 mm 0.160 (.156 - .190)
53 mm 0.226 (.228 - .278)
103 mm 0.464 (.447 - .547)
Barometric Pressure Check Gauge ID # 26932
Stability Checks

Table with 3 columns: Simulator, Serial #, Lot #/Exp. Rows include 0.050, 0.080, 0.200, and 0.080 DGS with corresponding serial and lot numbers.

Flow Calibration Performed By SP
Flow Column # ATP103
5L/min - 17mm 15L/min - 53mm 30L/min - 103mm
R-Value 169
Post Calibration Verification (L/s)
Flow Column # ATP105
32 mm 1.152 (.139 - .169)
36 mm 1.164 (.156 - .190)
53 mm 1.250 (.228 - .278)
103 mm 1.523 (.447 - .547)

Maintenance Performed By
Battery Replacement Dry Gas Regulator Replacement Breath Tube Replacement Other

Temperature Checks Performed By SP
Lab Temp °C 21.12
External Digital Therm. ID#: 300502
34°C +/-2 Serial #: MP5088
34°C +/-2 Serial #: MP5089
34°C +/-2 Serial #: MP5090

Final Release Date

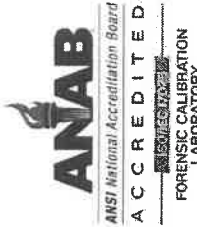
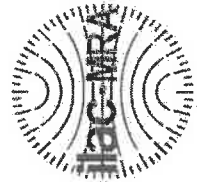
Calibration Adjustment Performed By
Barometric Pressure Gauge ID #
Table with 4 columns: Simulator, Serial Number, Lot Number, Expiration. Rows include 0.000, 0.040, 0.100, 0.200, 0.300, 0.080 DGS, and Post Calibration Adjustment Stability Checks.

Department Inspection Performed By SP
Barometric Pressure ID# 26932 Gauge 1019 Instrument 1026
Mouth Alcohol Solution Lot # 2019-B
Acetone Stock Solution Lot # 2019-A
Table with 2 columns: Simulator, Serial Number. Rows include 0.000, Interferent, 0.050, 0.080, 0.200.

Attachments
Form 41 Post-Stability Checks
Stability Checks Flow Calibration
Calibration Certificate Form 40
Calibration Adjustment Other

Notes/Suggested Service:

Instrument Complies with Chapter 11D-8, FAC
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
Tech Review / Date Admin Review / Date



# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
2729 Fort Knox Blvd.  
Bldg. 2, Suite 1300  
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001130, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001130</u>	UNCERTAINTY* ±	
Owning Agency:	<u>VOLUSIA COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/11/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>10:47</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. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses 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.

05/11/2020 Date  
*Shayla Platt*  
SHAYLA D PLATT,  
Department Inspector

FDLE/ATP Form 69 April 2020  
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: VOLUSIA COUNTY S.O.  
Time of Inspection: 10:47

Date of Inspection: 05/11/2020

Serial Number: 80-001130  
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG931603 Exp: 11/12/2021
0.000	0.048	0.079	0.201	0.078
0.000	0.048	0.079	0.201	0.078
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.078
0.000	0.048	0.079	0.201	0.079
0.000	0.048	0.079	0.200	0.078
0.000	0.048	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.079	0.201	0.078
Standard Deviations	0.0005	0.0003	0.0003	0.0005

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

Shayla Platt

SHAYLA D PLATT

Signature and Printed Name

05/11/2020  
Date

# Stability Checks

VOLUSIA COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001130  
05/05/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:56
Control Test	0.049	06:56
Air Blank	0.000	06:57
Control Test	0.048	06:58
Air Blank	0.000	06:58
Control Test	0.048	06:59
Air Blank	0.000	06:59
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

VOLUSIA COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001130  
05/05/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:00
Control Test	0.079	07:01
Air Blank	0.000	07:01
Control Test	0.079	07:02
Air Blank	0.000	07:03
Control Test	0.079	07:03
Air Blank	0.000	07:04
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

VOLUSIA COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001130  
05/05/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:06
Control Test	0.200	07:07
Air Blank	0.000	07:08
Control Test	0.200	07:08
Air Blank	0.000	07:09
Control Test	0.200	07:10
Air Blank	0.000	07:10
Control Test Stats		
Average	0.2000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Wet



Operator's Signature



Operator's Signature



Operator's Signature

VOLUSIA COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001130  
05/05/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:12
Control Test	0.079	07:12
Air Blank	0.000	07:13
Control Test	0.079	07:13
Air Blank	0.000	07:13
Control Test	0.080	07:14
Air Blank	0.000	07:14
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Dry



Operator's Signature

Flow Cal  
Adjust

UCOLUSA COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001130  
05/11/2020  
Software: 8100.27

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

1: Rate (Liters/min) = 5  
SQRT(Diff) ) = 6.855

2: Rate (Liters/min) = 15  
SQRT(Diff) ) = 11.445

3: Rate (Liters/min) = 30  
SQRT(Diff) ) = 20.688

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 696

Rounded Intercept = -647643

Correlation = 0.99705

SP