



# INSTRUMENT PROCESSING SHEET

Agency Volusia County S.O.S/N 80-001130

Florida Department of Law Enforcement

Date In 04/19/2018 DI Completion Date 4/26/18 Ship  P/U  H/D  CMI  EE

**Intake** Performed By JLS

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 PSM

Breath Tube Screen  
 Replace External O-Rings  
 Instrument Set Up Verified  
 R-Value 176  
 Flow Verification (L/s)  
 Flow Column # ATP102  
 32 mm 1142 (.139 - .169)  
 36 mm 152 (.156 - .190)  
 53 mm 218 (.228 - .278)  
 103 mm 459 (.447 - .547)  
 Barometric Pressure Check  
 Gauge ID # 28427  
 Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	<u>62835</u>	<u>2017070</u> <u>7/25/19</u>
0.080	<u>62840</u>	<u>201707E</u> <u>7/25/19</u>
0.200	<u>501025</u>	<u>201707C</u> <u>7/24/19</u>
0.080 DGS	N/A	<u>AG805702</u> <u>2/26/20</u>

**Flow Calibration** Performed By PSM

Flow Column # ATP105  
 5L/min - 17mm  
 15L/min - 53mm  
 30L/min - 103mm  
 R-Value 176  
 Post Calibration Verification (L/s)  
 Flow Column # ATP102  
 32 mm 1144/1144 (.139 - .169)  
 36 mm 166/166 (.156 - .190)  
 53 mm 214/238 (.228 - .278)  
 103 mm 464/488 (.447 - .547)

**Maintenance** Performed By \_\_\_\_\_

Battery Replacement  
 Dry Gas Regulator Replacement  
 Breath Tube Replacement  
 Other \_\_\_\_\_

**Temperature Checks** Performed By PSM

Lab Temp °C 21.8  
 External Digital Therm. ID#: 300502  
 34°C +/-2 Serial #: 62835  
 34°C +/-2 Serial #: 62840  
 34°C +/-2 Serial #: 501025

**Final Release Date**  
**FDLE**  
APR 30 2018  
**Alcohol Testing Program**

**Calibration Adjustment** Performed By \_\_\_\_\_

Barometric Pressure Gauge \_\_\_\_\_ ID # \_\_\_\_\_

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

**Department Inspection** Performed By PSM

Barometric Pressure ID# 28427  
 Gauge 1010 Instrument 1016  
 Mouth Alcohol Solution Lot # 2017-B  
 Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	<u>62835</u>
Interferent	<u>62407</u>
0.050	<u>62835</u>
0.080	<u>62840</u>
0.200	<u>501025</u>

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

**Attachments**

Form 41  Post-Stability Checks  
 Stability Checks  Flow Calibration (2)  
 Calibration Certificate  Form 40  
 Calibration Adjustment  Other \_\_\_\_\_

Notes/Suggested Service: checked flow STANDARD CONNECTIONS, Re-performed flow CALIBRATION adjust with NO PROBLEMS

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

4/30/18 J. Dah 4/30/18  
 Tech Review / Date Admin Review / Date

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: VOLUSIA COUNTY S.O.  
Time of Inspection: 12:30

Date of Inspection: 04/26/2018

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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805702 Exp: 02/26/2020
0.000	0.049	0.080	0.200	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.050	0.081	0.200	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.050	0.080	0.201	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.049	0.081	0.201	0.077
Standard Deviations	0.0004	0.0004	0.0004	0.0000

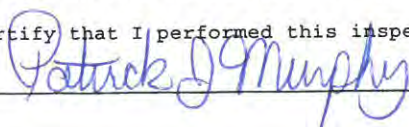
Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:



The above instrument complies (  ) does not comply (  ) with Chapter 11D-8, FAC.

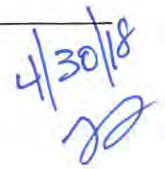
I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



PATRICK J MURPHY

Signature and Printed Name

04/26/2018  
Date



WOLUSIA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001130  
 04/26/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:02
Control Test	0.048	10:03
Air Blank	0.000	10:03
Control Test	0.048	10:04
Air Blank	0.000	10:05
Control Test	0.050	10:05
Air Blank	0.000	10:06
Control Test Stats		
Average	0.0487	
Std Dev	0.0012	
Rel Std Dev(%)	2.3727	

*P Murphy*  
 -----  
 Operator's Signature

WOLUSIA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001130  
 04/26/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:57
Control Test	0.080	09:58
Air Blank	0.000	09:58
Control Test	0.080	09:59
Air Blank	0.000	09:59
Control Test	0.080	10:00
Air Blank	0.000	10:01
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

*P Murphy*  
 -----  
 Operator's Signature

WOLUSIA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001130  
 04/26/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.200	10:08
Air Blank	0.000	10:09
Control Test	0.199	10:10
Air Blank	0.000	10:10
Control Test	0.200	10:11
Air Blank	0.000	10:12
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

*P Murphy*  
 -----  
 Operator's Signature

WOLUSIA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001130  
 04/26/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:16
Control Test	0.079	10:16
Air Blank	0.000	10:17
Control Test	0.078	10:17
Air Blank	0.000	10:18
Control Test	0.078	10:18
Air Blank	0.000	10:19
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

*P Murphy*  
 -----  
 Operator's Signature

WOLUSIA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001130  
 04/26/2018  
 Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
 1: Rate (Liters/min) = 5  
 SQRT(Diff) ) = 6.555  
 2: Rate (Liters/min) = 15  
 SQRT(Diff) ) = 11.617  
 3: Rate (Liters/min) = 30  
 SQRT(Diff) ) = 22.223  
 Dependent Data Scale Factor = 100000 L/min  
 Independent Data Scale Factor = 256  
 Rounded Slope = 612  
 Rounded Intercept = -444399  
 Correlation = 0.99626

*PDM*

WOLUSIA COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001130  
 04/26/2018  
 Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
 1: Rate (Liters/min) = 5  
 SQRT(Diff) ) = 6.926  
 2: Rate (Liters/min) = 15  
 SQRT(Diff) ) = 12.164  
 3: Rate (Liters/min) = 30  
 SQRT(Diff) ) = 21.883  
 Dependent Data Scale Factor = 100000 L/min  
 Independent Data Scale Factor = 256  
 Rounded Slope = 647  
 Rounded Intercept = -594096  
 Correlation = 0.99842

*PDM*

4/30/18  
*[Signature]*



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

## Calibration Certificate

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
Calibration Date:	<u>04/26/2018</u>	0.080 g/ 210 L
Calibration Time:	<u>12:30</u>	0.200 g/ 210 L
		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% level of confidence (k=3).

**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.

04/26/2018 \_\_\_\_\_  
 Date Patrick J Murphy  
**PATRICK J MURPHY,**  
 Department Inspector

FDLE/ATP Form 69 March 2018  
 Issuing Authority: Alcohol Testing Program  
*Service • Integrity • Respect • Quality*

*4/30/18*  
*JJ*