



# INSTRUMENT PROCESSING SHEET

Agency Hernando County Sheriff's OfficeS/N 80-000812

Florida Department of Law Enforcement

Date In 05/01/2018 DI Completion Date 05/10/2018 Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>TG</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____	<b>Quality Checks</b> Performed By <u>DMB</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>175</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 103</u> 32 mm <u>0.140</u> (.139 - .169) 36 mm <u>0.156</u> (.156 - .190) 53 mm <u>0.222</u> (.228 - .278) 103 mm <u>0.492</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks	<b>Flow Calibration</b> Performed By <u>DMB</u> Flow Column # <u>ATP 105</u> <input checked="" type="checkbox"/> 5L/min - 17mm <input checked="" type="checkbox"/> 15L/min - 53mm <input checked="" type="checkbox"/> 30L/min - 103mm <input checked="" type="checkbox"/> R-Value <u>178 / 178</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP 103</u> 32 mm <u>0.136 / 0.144</u> (.139 - .169) 36 mm <u>N/A / 0.156</u> (.156 - .190) 53 mm <u>N/A / 0.230</u> (.228 - .278) 103 mm <u>N/A / 0.480</u> (.447 - .547)
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**Final Release Date**

**FDLE**

**MAY 10 2018**

**Alcohol Testing Program**

Simulator	Serial #	Lot #/Exp
0.050	G2835	201707D 07/25/2019
0.080	G2840	201707E 07/25/2019
0.200	SD1025	201707C 07/24/2019
0.080 DGS	N/A	AG805702 02/26/2020

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

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

**Temperature Checks** Performed By DMB

Lab Temp °C 22.1  
 External Digital Therm. ID#: 300502  
 34°C +/- .2 Serial #: G2835  
 34°C +/- .2 Serial #: G2840  
 34°C +/- .2 Serial #: SD1025

**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		

Post Calibration Adjustment Stability Checks

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

**Department Inspection** Performed By DMB

Barometric Pressure ID# 28427  
 Gauge 1018 Instrument 1016  
 Mouth Alcohol Solution Lot # 2017-B  
 Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G2880
Interferent	G2407
0.050	G2835
0.080	G2840
0.200	SD1025

**Attachments**

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

Notes/Suggested Service: Please change menu level 2 password to something unique. DMB 5/10/18  
Flow calibration adjustment redone after initial reading after 1st adjustment fell outside range.  
Repeat adjustment and checks returned values to within nominal. DMB 5/10/18

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

DMB 5/10/18 J. DeLoach 5/10/18  
 Tech Review / Date Admin Review / Date

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HERNANDO COUNTY S.O.  
Time of Inspection: 15:15

Date of Inspection: 05/10/2018

Serial Number: 80-000812  
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	0.050	0.079	0.197	0.080
0.000	0.050	0.080	0.199	0.080
0.000	0.050	0.080	0.200	0.079
0.000	0.050	0.081	0.200	0.080
0.000	0.050	0.081	0.200	0.080
0.000	0.050	0.081	0.199	0.080
0.000	0.050	0.081	0.200	0.080
0.000	0.051	0.080	0.199	0.080
0.000	0.050	0.081	0.199	0.080
0.000	0.051	0.081	0.199	0.080

Standard Deviations	0.0004	0.0007	0.0009	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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.

DANIELLE M BELL

Signature and Printed Name

05/10/2018  
Date



# Stability Checks #80-000812 Hermando County S.O. 5/10/18

ES

HERNANDO COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000812  
05/10/2018  
Software: 8100.27

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Test	g/210L	Time
Air Blank	0.000	12:02
Control Test	0.051	12:03
Air Blank	0.000	12:03
Control Test	0.050	12:04
Air Blank	0.000	12:04
Control Test	0.051	12:05
Air Blank	0.000	12:06
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

Test	g/210L	Time
Air Blank	0.000	12:07
Control Test	0.080	12:07
Air Blank	0.000	12:08
Control Test	0.081	12:09
Air Blank	0.000	12:09
Control Test	0.081	12:10
Air Blank	0.000	12:10
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Test	g/210L	Time
Air Blank	0.000	12:11
Control Test	0.201	12:12
Air Blank	0.000	12:13
Control Test	0.202	12:13
Air Blank	0.000	12:14
Control Test	0.201	12:15
Air Blank	0.000	12:15
Control Test Stats		
Average	0.2013	
Std Dev	0.0006	
Rel Std Dev(%)	0.2868	

Test	g/210L	Time
Air Blank	0.000	12:16
Control Test	0.060	12:17
Air Blank	0.000	12:17
Control Test	0.080	12:17
Air Blank	0.000	12:18
Control Test	0.079	12:18
Air Blank	0.000	12:19
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

*[Signature]*  
Operator's Signature

*[Signature]*  
Operator's Signature

*[Signature]*  
Operator's Signature

*[Signature]*  
Operator's 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 80-000812, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000812</u>	UNCERTAINTY* ±	
Owning Agency:	<u>HERNANDO COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/10/2018</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>15:15</u>	0.200 g/ 210 L	0.008
		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.

05/10/2018

Date

DANIELLE M BELL,  
 Department Inspector

FDLE/ATP Form 69 March 2018  
 Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

*22*  
*5/10/18*

# Flow Calibration Adjustments

#80-000812

Hernando County S.O.

5/10/18

~~SWB~~

## Adj. #1

HERNANDO COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000812  
05/10/2018  
Software: 8100.27

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

1: Rate (Liters/min) = 5

SQRT(Diff) = 6.855

2: Rate (Liters/min) = 15

SQRT(Diff) = 12.648

3: Rate (Liters/min) = 30

SQRT(Diff) = 21.699

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 657

Rounded Intercept = -643247

Correlation = 0.99994

✓

## Adj #2

HERNANDO COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000812  
05/10/2018  
Software: 8100.27

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

1: Rate (Liters/min) = 5

SQRT(Diff) = 7.070

2: Rate (Liters/min) = 15

SQRT(Diff) = 12.039

3: Rate (Liters/min) = 30

SQRT(Diff) = 21.770

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 656

Rounded Intercept = -620886

Correlation = 0.99756

✓

✓

5/10/18  
JD