



INSTRUMENT PROCESSING SHEET

Agency Collier County Sheriff's Office

S/N 80-001202

Florida Department of Law Enforcement

Date In 6/14/2021 DI Completion Date 6/17/2021 Ship P/U H/D CMI EE

Intake, Quality Checks, Flow Calibration, Maintenance, DI Temp. Checks, Calibration Adjustment, Department Inspection

Calibration Adjustment table with columns: Simulator, Serial #, Lot #, Expiration

Department Inspection table with columns: Simulator, Serial Number

Notes/Suggested Service: Optical calibration to bring values closer to nominal. Tech Review notice Mark on Maintenance; Corrected DEEL 6/17/2021

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

# FDLE REQUEST FOR REGISTRATION

Florida Department of  
Law Enforcement

MAKE AND MODEL OF INSTRUMENT: Intoxilyzer 8000

SERIAL NUMBER: 80-001202

OWNING AGENCY: Collier County Sheriff's Office

DATE OF DEPARTMENT INSPECTION: 06/17/2021

AGENCY INSPECTOR: Yvette Gonzales

ADDRESS: 3447 Tamiami Trail East

CITY, STATE, ZIP: Naples, Florida 34112

TELEPHONE NUMBER: (239) 789-0047

FAX NUMBER: \_\_\_\_\_

EMAIL ADDRESS (if available): Yvette.Gonzales@colliersheriff.org

***For Program Office Use Only:***



Registration Issued



Instrument Added to Evidentiary Instrument Database



Instrument Added to Monthly Statistics Database



Contact Information Added to Instrument Database



Florida Department of Law Enforcement  
 Alcohol Testing Program  
 4700 Terminal Drive, Suite 1  
 Ft. Myers, FL 33907

# Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001202, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001202</u>	UNCERTAINTY* ±	
Owning Agency:	<u>COLLIER COUNTY SO</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>06/17/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:35</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.

06/17/2021 Date

David Reyes-Rivera  
 DAVID E REYES-RIVERA,  
 Department Inspector

FDLE/ATP Form 69 January 2021  
 Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COLLIER COUNTY SO  
Time of Inspection: 09:35

Date of Inspection: 06/17/2021

Serial Number: 80-001202  
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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.048	0.078	0.195	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.078	0.197	0.078
0.000	0.048	0.079	0.197	0.079
0.000	0.049	0.080	0.196	0.078
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.079	0.197	0.079

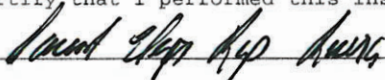
Standard Deviations	0.0003	0.0005	0.0006	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

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.

  
 \_\_\_\_\_  
 Signature and Printed Name

06/17/2021  
 Date

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-001202	Collier County Sheriff's Office	6/17/2021	DERR <i>MLL</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
<p><b>0.047 to 0.053</b> <input type="checkbox"/></p> <p>COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001202 06/17/2021 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 07:32</p> <p>Control Test 0.047 07:32</p> <p>Air Blank 0.000 07:33</p> <p>Control Test 0.047 07:34</p> <p>Air Blank 0.000 07:34</p> <p>Control Test 0.047 07:35</p> <p>Air Blank 0.000 07:35</p> <p>Control Test Stats</p> <p>Average 0.0470</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>	<p><b>0.077 to 0.083</b> <input checked="" type="checkbox"/></p> <p>COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001202 06/17/2021 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 07:37</p> <p>Control Test 0.077 07:37</p> <p>Air Blank 0.000 07:38</p> <p>Control Test 0.078 07:39</p> <p>Air Blank 0.000 07:39</p> <p>Control Test 0.078 07:40</p> <p>Air Blank 0.000 07:40</p> <p>Control Test Stats</p> <p>Average 0.0777</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7434</p>	<p><b>0.194 to 0.206</b> <input checked="" type="checkbox"/></p> <p>COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001202 06/17/2021 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 07:41</p> <p>Control Test 0.195 07:42</p> <p>Air Blank 0.000 07:43</p> <p>Control Test 0.196 07:43</p> <p>Air Blank 0.000 07:44</p> <p>Control Test 0.197 07:45</p> <p>Air Blank 0.000 07:45</p> <p>Control Test Stats</p> <p>Average 0.1960</p> <p>Std Dev 0.0010</p> <p>Rel Std Dev(%) 0.5102</p>	<p><b>0.077 to 0.083</b> <input checked="" type="checkbox"/></p> <p>COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001202 06/17/2021 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 07:46</p> <p>Control Test 0.079 07:46</p> <p>Air Blank 0.000 07:47</p> <p>Control Test 0.079 07:47</p> <p>Air Blank 0.000 07:48</p> <p>Control Test 0.079 07:48</p> <p>Air Blank 0.000 07:49</p> <p>Control Test Stats</p> <p>Average 0.0790</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>
<p><i>MLL</i> Operator's Signature</p>	<p><i>MLL</i> Operator's Signature</p>	<p><i>MLL</i> Operator's Signature</p>	<p><i>MLL</i> Operator's Signature</p>

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.038
Std Dev = 0.01 Rel Std Dev = 35.60
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.759
Std Dev = 0.01 Rel Std Dev = 0.81
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.829
Std Dev = 0.01 Rel Std Dev = 0.41
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.573
Std Dev = 0.01 Rel Std Dev = 0.32
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.198
Std Dev = 0.00 Rel Std Dev = 0.05
Zero Order Coef = -76.67
First Order Coef = 2559.79
Second Order Coef = 38.60
Standard Deviation = 28.172398

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.133
Std Dev = 0.01 Rel Std Dev = 4.61
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.544
Std Dev = 0.01 Rel Std Dev = 0.45
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.624
Std Dev = 0.00 Rel Std Dev = 0.11
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.929
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.966
Std Dev = 0.02 Rel Std Dev = 0.16
Zero Order Coef = -152.10
First Order Coef = 1295.29
Second Order Coef = 15.26
Standard Deviation = 24.606806

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 6.9270 (0.0020)
Sample #2 = 6.9320 (0.0250)
Sample #3 = 6.9240 (0.0330)
Sample #4 = 6.9320 (0.0330)
Avg % Abs = 6.9293 (0.0303)
STD DEV = 0.0046 (0.0046)
REL STD DEV = 0.067 (15.227)

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.300 g/210L \*\*\*
Fit value = 1.4286 mg/l \*\*\*\*
Samples Taken = 4, Discarded = 1
Sum Io = 12538, Sum Io = 13203

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 5.1920 (-0.0160)
Sample #2 = 5.1960 (0.0120)
Sample #3 = 5.1960 (0.0200)
Sample #4 = 5.2010 (-0.0070)
Avg % Abs = 5.1977 (0.0083)
STD DEV = 0.0029 (0.0139)
REL STD DEV = 0.056 (166.421)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 9.9740 (-0.0050)
Sample #2 = 9.9560 (0.0340)
Sample #3 = 9.9840 (0.0250)
Sample #4 = 9.9580 (0.0240)
Avg % Abs = 9.9660 (0.0277)
STD DEV = 0.0156 (0.0055)
REL STD DEV = 0.157 (19.907)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 1.5550 (-0.0040)
Sample #2 = 1.5520 (-0.0010)
Sample #3 = 1.5400 (0.0030)
Sample #4 = 1.5400 (0.0110)
Avg % Abs = 1.5440 (0.0043)
STD DEV = 0.0069 (0.0061)
REL STD DEV = 0.449 (141.002)

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.100 g/210L \*\*\*
Fit value = 0.4762 mg/l \*\*\*\*
Samples Taken = 4, Discarded = 1
Sum Io = 12558, Sum Io = 13213

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 1.8430 (0.0040)
Sample #2 = 1.8280 (0.0050)
Sample #3 = 1.8370 (0.0390)
Sample #4 = 1.8220 (0.0490)
Avg % Abs = 1.8290 (0.0310)
STD DEV = 0.0075 (0.0231)
REL STD DEV = 0.413 (74.404)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 3.6510 (-0.0110)
Sample #2 = 3.6280 (0.0040)
Sample #3 = 3.6200 (0.0070)
Sample #4 = 3.6240 (0.0100)
Avg % Abs = 3.6240 (0.0070)
STD DEV = 0.0040 (0.0030)
REL STD DEV = 0.110 (42.857)

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.200 g/210L \*\*\*
Fit value = 0.9524 mg/l \*\*\*\*
Samples Taken = 4, Discarded = 1
Sum Io = 12546, Sum Io = 13208

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 3.5540 (-0.0060)
Sample #2 = 3.5680 (0.0150)
Sample #3 = 3.5650 (0.0340)
Sample #4 = 3.5660 (0.0240)
Avg % Abs = 3.5730 (0.0243)
STD DEV = 0.0114 (0.0095)
REL STD DEV = 0.318 (39.059)

JOLLIER COUNTY SO
Intoxilizer - Alcohol Analyzer
Model 8000
SN 80-001202
06/17/2021
06:50:33

Auto Calibration
Tax Power Res Value = 25
Auto Range Res Value = 14

Sol Value = 0.000 g/210L \*\*\*
Fit value = 0.0000 mg/l \*\*\*\*
Samples Taken = 4, Discarded = 1
Sum Io = 12577, Sum Io = 13220

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 0.0270 (0.0200)
Sample #2 = 0.0390 (-0.0160)
Sample #3 = 0.0240 (0.0200)
Sample #4 = 0.0510 (0.0410)
Avg % Abs = 0.0380 (0.0150)
STD DEV = 0.0135 (0.0288)
REL STD DEV = 35.599 (192.180)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 0.1240 (-0.0340)
Sample #2 = 0.1340 (-0.0320)
Sample #3 = 0.1260 (-0.0210)
Sample #4 = 0.1380 (-0.0170)
Avg % Abs = 0.1327 (-0.0233)
STD DEV = 0.0061 (0.0078)
REL STD DEV = 4.606 (33.289)

<<<<< CHANNEL 1 >>>>>

Sol Value = 0.040 g/210L \*\*\*
Fit value = 0.1905 mg/l \*\*\*\*
Samples Taken = 4, Discarded = 1
Sum Io = 12564, Sum Io = 13217

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
Sample #1 = 0.7600 (-0.0240)
Sample #2 = 0.7600 (-0.0200)
Sample #3 = 0.7640 (0.0080)
Sample #4 = 0.7520 (0.0350)
Avg % Abs = 0.7567 (0.0077)
STD DEV = 0.0061 (0.0275)
REL STD DEV = 0.805 (358.715)

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0004
0.040 0.040 0.0004
0.100 0.100 0.0004
0.200 0.201 -0.0007
0.300 0.300 0.0003

Sol Value = 0.180 g/210L \*\*\*
Fit value = 0.3810 mg/l \*\*\*\*
Samples Taken = 4, Discarded = 1
\*\*\*\*\* CHANNEL 1
Sample #1 = 3385.00
Sample #2 = 3465.00
Sample #3 = 3403.00
Sample #4 = 3355.00
Average Result = 3407.6667
STD DEV = 55.1483
REL STD DEV = 1.618

\*\*\*\*\* CHANNEL 2

Sample #1 = 3310.00
Sample #2 = 3309.00
Sample #3 = 3323.00
Sample #4 = 3311.00
Average Result = 3314.3333
STD DEV = 7.5719
REL STD DEV = 0.228

\*\*\*\*\* CHANNEL 1

Dry Gas H2O Adjust Results \*\*\*\*\*
Barometric Pressure = 1014
3 um H2O Adjust (mg/l\*10,000) = 402
9 um H2O Adjust (mg/l\*10,000) = 495
\*\*\*\*\* AUTO CAL PASS

Optical Calibration
SN: 80-04202 PEZZ G17121
Agency: Collier County SO
Date: 6/17/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0004
0.040 0.040 0.0004
0.100 0.099 0.0006
0.200 0.201 -0.0008
0.300 0.300 0.0003

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001202	Collier County Sheriff's Office	6/14/2021	DERR

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

COLLIER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001202  
06/14/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:48
Control Test	0.047	09:49
Air Blank	0.000	09:49
Control Test	0.047	09:50
Air Blank	0.000	09:51
Control Test	0.047	09:51
Air Blank	0.000	09:52
Control Test	0.047	09:52
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

COLLIER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001202  
06/14/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:53
Control Test	0.077	09:54
Air Blank	0.000	09:54
Control Test	0.077	09:55
Air Blank	0.000	09:56
Control Test	0.077	09:56
Air Blank	0.000	09:57
Control Test	0.000	09:57
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

COLLIER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001202  
06/14/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:58
Control Test	0.191	09:59
Air Blank	0.000	09:59
Control Test	0.193	10:00
Air Blank	0.000	10:00
Control Test	0.193	10:01
Air Blank	0.000	10:02
Control Test	0.000	10:02
Average	0.1923	
Std Dev	0.0012	
Rel Std Dev(%)	0.6004	

COLLIER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001202  
06/14/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:03
Control Test	0.080	10:04
Air Blank	0.000	10:04
Control Test	0.079	10:05
Air Blank	0.000	10:05
Control Test	0.079	10:05
Air Blank	0.000	10:06
Control Test	0.000	10:06
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

Operator's Signature

Operator's Signature

Operator's Signature

# Florida Department of Law Enforcement Alcohol Testing Program

## AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: COLLIER COUNTY SO  
Time of Inspection: 09:22

Date of Inspection: 06/14/2021

Serial Number: 80-001202  
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

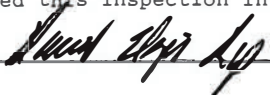
Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: _____ Exp: _____	0.08g/210L Test (g/210L) Lot#: _____ Exp: _____	0.20g/210L Test (g/210L) Lot#: _____ Exp: _____	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: _____ Exp: _____

Number of Simulators Used: \_\_\_\_\_

Remarks:  
COMPLIANCE NOT DETERMINED, AI NOT CONDUCTED.

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

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



DAVID E REYES-RIVERA

Signature and Printed Name

06/14/2021  
Date