



INSTRUMENT PROCESSING SHEET

Agency Hillsborough County SO S/N 80-000808

Florida Department of Law Enforcement

Date In 6/29/2020 DI Completion Date 7/21/2020 Ship P/U H/D CMI EE

Intake Performed By RAW Quality Checks Performed By SP Flow Calibration Performed By

Notes:

Final Release Date FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2020.07.24 08:54:55 -04'00'

Table with 3 columns: Simulator, Serial.#, Lot #/Exp. Rows include 0.050, 0.080, 0.200, 0.080 DGS.

Maintenance Performed By

Temperature Checks Performed By SP

Calibration Adjustment Performed By SP

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.

Post Calibration Adjustment Stability Checks

Table with 4 columns: Simulator, Serial Number, Lot Number, Expiration. Rows include 0.050, 0.080, 0.200, 0.080 DGS.

Department Inspection Performed By SP

Barometric Pressure Gauge 1015 ID # 30793 Barometric Pressure ID# 26932 Gauge 1015 Instrument 1015 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.

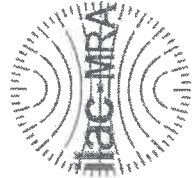
Attachments

Form with checkboxes for Form 41, Stability Checks, Calibration Certificate, Calibration Adjustment, Post-Stability Checks, Flow Calibration, Form 40, 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 80-000808, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000808</u>	UNCERTAINTY* ±	
Owning Agency:	<u>HILLSBOROUGH CO SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>07/21/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>10:55</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.

07/21/2020

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: HILLSBOROUGH CO SO  
Time of Inspection: 10:55

Date of Inspection: 07/21/2020

Serial Number: 80-000808  
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	0.050	0.080	0.203	0.080
0.000	0.050	0.081	0.204	0.080
0.000	0.050	0.080	0.204	0.080
0.000	0.050	0.080	0.203	0.080
0.000	0.050	0.080	0.204	0.080
0.000	0.051	0.081	0.203	0.080
0.000	0.051	0.080	0.203	0.080
0.000	0.051	0.080	0.203	0.080
0.000	0.050	0.080	0.204	0.079
0.000	0.051	0.080	0.203	0.080

Standard Deviations	0.0005	0.0004	0.0005	0.0003
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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:

MX  
BK 2020.07.24  
08:52:38  
-04'00'

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

07/21/2020  
Date

# Stability Checks # 80-000808

HILLSBOROUGH CO SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000808  
07/08/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:00
Control Test	0.051	09:01
Air Blank	0.000	09:02
Control Test	0.051	09:03
Air Blank	0.000	09:04
Control Test	0.052	09:04
Air Blank	0.000	09:04
Control Test Stats		
Average	0.0513	
Std Dev	0.0006	
Rel Std Dev(%)	1.1247	

SP  
Operator's Signature

HILLSBOROUGH CO SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000808  
07/08/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:51
Control Test	0.084	08:52
Air Blank	0.000	08:52
Control Test	0.082	08:53
Air Blank	0.000	08:54
Control Test	0.083	08:54
Air Blank	0.000	08:55
Control Test Stats		
Average	0.0830	
Std Dev	0.0010	
Rel Std Dev(%)	1.2048	

SP  
Operator's Signature

HILLSBOROUGH CO SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000808  
07/08/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:05
Control Test	0.207	09:06
Air Blank	0.000	09:07
Control Test	0.205	09:07
Air Blank	0.000	09:08
Control Test	0.205	09:09
Air Blank	0.000	09:09
Control Test Stats		
Average	0.2057	
Std Dev	0.0012	
Rel Std Dev(%)	0.5614	

SP  
Operator's Signature

HILLSBOROUGH CO SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000808  
07/08/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:11
Control Test	0.078	09:11
Air Blank	0.000	09:12
Control Test	0.078	09:12
Air Blank	0.000	09:12
Control Test	0.079	09:13
Air Blank	0.000	09:13
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DCB

SP  
Operator's Signature

HILLSBOROUGH CO SO

Intoxilyzer - Alcotest Analyzer

Model 8000  
07/21/2020  
SN 80-000808  
07:33:38

Auto Calibration

Max Power Res Value = 92  
Auto Range Res Value = 74

<<<<< CHANNEL 2 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.5530 (0.0070)  
Sample #2 = 1.5490 (0.0370)  
Sample #3 = 1.5380 (0.0580)  
Sample #4 = 1.5600 (0.0460)  
Avg % Abs = 1.5490 (0.0470)  
STD DEV = 0.0110 (0.0105)  
REL STD DEV = 0.710 (22.416)

Sol Value = 0.000 g/210L \*\*\*  
Fit Value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12601, Sum Io = 13900  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.0830 (-0.0280)  
Sample #2 = 0.0860 (0.0010)  
Sample #3 = 0.0940 (0.0140)  
Sample #4 = 0.0840 (0.0050)  
Avg % Abs = 0.0880 (0.0067)  
STD DEV = 0.0053 (0.0067)  
REL STD DEV = 6.013 (99.875)

<<<<< CHANNEL 2 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1650 (0.0000)  
Sample #2 = 0.1490 (0.0130)  
Sample #3 = 0.1480 (0.0210)  
Sample #4 = 0.1430 (0.0190)  
Avg % Abs = 0.1467 (0.0177)  
STD DEV = 0.0032 (0.0042)  
REL STD DEV = 2.192 (23.566)

Sol Value = 0.040 g/210L \*\*\*  
Fit Value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12600, Sum Io = 13902  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.8160 (-0.0180)  
Sample #2 = 0.7970 (0.0120)  
Sample #3 = 0.7920 (0.0430)  
Sample #4 = 0.8010 (0.0420)  
Avg % Abs = 0.7967 (0.0323)  
STD DEV = 0.0045 (0.0176)  
REL STD DEV = 0.566 (54.483)

Sol Value = 0.200 g/210L \*\*\*  
Fit Value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12590, Sum Io = 13892  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.5410 (-0.0290)  
Sample #2 = 3.4970 (0.0210)  
Sample #3 = 3.4980 (0.0200)  
Sample #4 = 3.4760 (0.0500)  
Avg % Abs = 3.4903 (0.0303)  
STD DEV = 0.0124 (0.0170)  
REL STD DEV = 0.356 (55.173)

<<<<< CHANNEL 2 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 6.9380 (-0.0260)  
Sample #2 = 6.8280 (0.0750)  
Sample #3 = 6.8170 (0.0810)  
Sample #4 = 6.7780 (0.1250)  
Avg % Abs = 6.8077 (0.0937)  
STD DEV = 0.0263 (0.0273)  
REL STD DEV = 0.386 (29.147)

Sol Value = 0.300 g/210L \*\*\*  
Fit Value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12593, Sum Io = 13892  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 5.1610 (-0.0240)  
Sample #2 = 5.0840 (0.0240)  
Sample #3 = 5.0330 (0.0800)  
Sample #4 = 5.0080 (0.1290)  
Avg % Abs = 5.0417 (0.0777)  
STD DEV = 0.0387 (0.0525)  
REL STD DEV = 0.768 (67.647)

<<<<< CHANNEL 2 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 9.9360 (-0.0030)  
Sample #2 = 9.8260 (0.0830)  
Sample #3 = 9.7820 (0.1650)  
Sample #4 = 9.7440 (0.2150)  
Avg % Abs = 9.7847 (0.1543)  
STD DEV = 0.0421 (0.0666)  
REL STD DEV = 0.430 (43.181)

Sol Value = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.147  
Std Dev = 0.00 Rel Std Dev = 2.19  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.549  
Std Dev = 0.01 Rel Std Dev = 0.71  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.523  
Std Dev = 0.01 Rel Std Dev = 0.18  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.808  
Std Dev = 0.03 Rel Std Dev = 0.39  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.785  
Std Dev = 0.04 Rel Std Dev = 0.43  
Zero Order Coef = -186.84  
First Order Coef = 1337.26  
Second Order Coef = 14.29  
Standard Deviation = 42.724636

Cal Adjustment  
#80-000808

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*  
<<<<< CHANNEL 1 >>>>>  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.088  
Std Dev = 0.01 Rel Std Dev = 6.01  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.797  
Std Dev = 0.00 Rel Std Dev = 0.57  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.774  
Std Dev = 0.01 Rel Std Dev = 0.74  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.490  
Std Dev = 0.01 Rel Std Dev = 0.36  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.042  
Std Dev = 0.04 Rel Std Dev = 0.77  
Zero Order Coef = -228.37  
First Order Coef = 2693.87  
Second Order Coef = 35.55  
Standard Deviation = 68.972740

<<<<< CHANNEL 2 >>>>>  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.147  
Std Dev = 0.00 Rel Std Dev = 2.19  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.549  
Std Dev = 0.01 Rel Std Dev = 0.71  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.523  
Std Dev = 0.01 Rel Std Dev = 0.18  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.808  
Std Dev = 0.03 Rel Std Dev = 0.39  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.785  
Std Dev = 0.04 Rel Std Dev = 0.43  
Zero Order Coef = -186.84  
First Order Coef = 1337.26  
Second Order Coef = 14.29  
Standard Deviation = 42.724636

<<<<< CHANNEL 1 >>>>>  
Sol Value = 0.080 g/210L \*\*\*  
Fit Value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1  
\*\*\*\*\* CHANNEL 1  
Sample #1 = 3123.00  
Sample #2 = 3013.00  
Sample #3 = 3070.00  
Sample #4 = 3156.00  
Average Result = 3079.6667  
STD DEV = 71.9884  
REL STD DEV = 2.338  
\*\*\*\*\* CHANNEL 2  
Sample #1 = 3236.00  
Sample #2 = 3285.00  
Sample #3 = 3255.00  
Sample #4 = 3306.00  
Average Result = 3282.0000  
STD DEV = 25.6320  
REL STD DEV = 0.781  
\*\*\*\*\*  
Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1015  
3 um H2O Adjust (mg/l\*10,000) = 730  
9 um H2O Adjust (mg/l\*10,080) = 527  
\*\*\*\* AUTO CAL PASS

Solution Stats Quadratic Fit Chan 1  
Act Fit Residual  
g/210L g/210L g/210L  
0.000 0.000 -0.0002  
0.040 0.041 -0.0007  
0.100 0.098 0.0021  
0.200 0.202 -0.0018  
0.300 0.299 0.0006

Solution Stats Quadratic Fit Chan 2  
Act Fit Residual  
g/210L g/210L g/210L  
0.000 0.000 -0.0002  
0.040 0.040 -0.0003  
0.100 0.099 0.0013  
0.200 0.201 -0.0012  
0.300 0.300 0.0004

Sol Value = 0.080 g/210L \*\*\*  
Fit Value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1  
\*\*\*\*\* CHANNEL 1  
Sample #1 = 3123.00  
Sample #2 = 3013.00  
Sample #3 = 3070.00  
Sample #4 = 3156.00  
Average Result = 3079.6667  
STD DEV = 71.9884  
REL STD DEV = 2.338  
\*\*\*\*\* CHANNEL 2  
Sample #1 = 3236.00  
Sample #2 = 3285.00  
Sample #3 = 3255.00  
Sample #4 = 3306.00  
Average Result = 3282.0000  
STD DEV = 25.6320  
REL STD DEV = 0.781  
\*\*\*\*\*  
Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1015  
3 um H2O Adjust (mg/l\*10,000) = 730  
9 um H2O Adjust (mg/l\*10,080) = 527  
\*\*\*\* AUTO CAL PASS

2020.07.2  
4 08:53:26  
-0400'

MX

BK



# Post Cal Adjust Stability Checks

HILLSBOROUGH CO SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000808  
 07/21/2020  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:29
Control Test	0.050	08:29
Air Blank	0.000	08:30
Control Test	0.049	08:31
Air Blank	0.000	08:31
Control Test	0.050	08:32
Air Blank	0.000	08:33
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP

Operator's Signature

HILLSBOROUGH CO SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000808  
 07/21/2020  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:33
Control Test	0.081	08:34
Air Blank	0.000	08:35
Control Test	0.081	08:35
Air Blank	0.000	08:36
Control Test	0.081	08:37
Air Blank	0.000	08:37
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

HILLSBOROUGH CO SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000808  
 07/21/2020  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:44
Control Test	0.204	08:45
Air Blank	0.000	08:46
Control Test	0.202	08:46
Air Blank	0.000	08:47
Control Test	0.203	08:48
Air Blank	0.000	08:48
Control Test Stats		
Average	0.2030	
Std Dev	0.0010	
Rel Std Dev(%)	0.4926	

SP

Operator's Signature

HILLSBOROUGH CO SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000808  
 07/21/2020  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:21
Control Test	0.079	08:21
Air Blank	0.000	08:22
Control Test	0.080	08:22
Air Blank	0.000	08:23
Control Test	0.080	08:23
Air Blank	0.000	08:23
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DBS

SP

Operator's Signature

MX