FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Sarasota County Sheriff's Office S/N 80-000861

Date In 7/21/2022 DI Completion Date 7/26/2022 ■Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake By DERR

- ■ 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 By DERR Date 7/26/2022

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 247
- ■ Flow Verification (L/s)

Flow Column # ATP101

32 mm	0.164	(.139 - .169)
36 mm	0.187	(.156 - .190)
53 mm	0.250	(.228 - .278)
103 mm	0.519	(.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 28199

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	202201C
		01/11/2024
0.080	MP5093	202201D
		01/18/2024
0.200	MP5094	202201E
		01/18/2024
0.080 DGS	N/A	AG115904
		06/08/2023

Flow Calibration By Date

Flow Column #

- ☐ 5L/min – 17mm
- ☐ 15L/min – 53mm
- ☐ 30L/min – 103mm
- ☐ R-Value
- ☐ Post Calibration Verification (L/s)

Flow Column #

32 mm		(.139 - .169)
36 mm		(.156 - .190)
53 mm		(.228 - .278)
103 mm		(.447 - .547)

Maintenance By

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other

Calibration Adjustment By DERR

Barometric Pressure Gauge 1018 ID # 68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5099	N/A	N/A
0.040	MP5096	21070	03/01/2023
0.100	MP5098	21080	03/08/2023
0.200	MP5100	20510	12/03/2022
0.300	MP5101	21030	02/02/2023
0.080 DGS	N/A	00521080A2	02/05/2023

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5092	202201C	01/11/2024
0.080	MP5093	202201D	01/18/2024
0.200	MP5094	202201E	01/18/2024
0.080 DGS	N/A	AG115904	06/08/2023

Department Inspection By DERR

Barometric Pressure ID# 26932

Gauge 1018 Instrument 1018

Mouth Alcohol Solution Lot # 2021-D

Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	MP5095
Interferent	MP5097
0.050	MP5092
0.080	MP5093
0.200	MP5094

Attachments

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

Notes/Suggested Service:

Instrument was calibrated to bring values closer to nominal. DERR

- ■ **Instrument Complies with Chapter 11D-8, FAC**
- ☐ **Instrument Does Not Comply with Chapter 11D-8, FAC**
- ■ **Return to/Place into Evidentiary Use**
- ☐ **Remove Out of Evidentiary Use**
- ■ **Conduct an Agency Inspection Before Evidentiary Use**

Israel Soto Digitally signed by Israel Soto Date: 2022.07.26 14:08:56 -04'00' 2022.07.26 15:18:3 -04'00'

Tech Review / Date Admin Review / Date

Calibration Certificate

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

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000861 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000861
Owning Agency:	SARASOTA COUNTY SO
Calibration Date:	07/26/2022
Calibration Time:	12:01

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.004
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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

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

07/26/2022
Date

DAVID E REYES-RIVERA,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: SARASOTA COUNTY SO
Time of Inspection: 12:01 Date of Inspection: 07/26/2022 Serial Number: 80-000861
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG115904 Exp: 06/08/2023
0.000	0.049	0.078	0.202	0.000 / 0.080
0.000	0.049	0.077	0.201	0.000 / 0.080
0.000	0.049	0.078	0.202	0.000 / 0.080
0.000	0.049	0.078	0.202	0.000 / 0.080
0.000	0.049	0.077	0.202	0.000 / 0.079
0.000	0.049	0.078	0.202	0.000 / 0.079
0.000	0.049	0.078	0.202	0.000 / 0.080
0.000	0.049	0.078	0.202	0.000 / 0.079
0.000	0.049	0.077	0.202	0.000 / 0.080
0.000	0.049	0.078	0.202	0.000 / 0.079

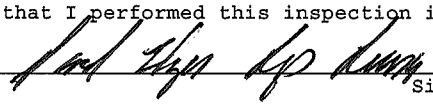
Standard Deviations	0.0000	0.0004	0.0003	0.0000 / 0.0005

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

Remarks:
08: Control Outside Tolerance DGS NOT CONNECTED..

The above instrument complies (X) 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.



DAVID E REYES-RIVERA
Signature and Printed Name

07/26/2022
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-00861	Sarasota County Sheriff's Office	7/26/2022	DERR

0.05g/210L ✓

0.047 to 0.053 ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:32
Control Test	0.048	09:33
Air Blank	0.000	09:33
Control Test	0.048	09:34
Air Blank	0.000	09:34
Control Test	0.048	09:35
Air Blank	0.000	09:36

Control Test Stats

Average	0.0480
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

0.08g/210L ✓

0.077 to 0.083 ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:38
Control Test	0.078	09:38
Air Blank	0.000	09:39
Control Test	0.077	09:40
Air Blank	0.000	09:40
Control Test	0.078	09:41
Air Blank	0.000	09:41

Control Test Stats

Average	0.0777
Std Dev	0.0006
Rel Std Dev(%)	0.7434

Operator's Signature

0.20g/210L ✓

0.194 to 0.206 ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.202	09:44
Air Blank	0.000	09:44
Control Test	0.200	09:45
Air Blank	0.000	09:45
Control Test	0.200	09:46
Air Blank	0.000	09:47

Control Test Stats

Average	0.2007
Std Dev	0.0012
Rel Std Dev(%)	0.5754

Operator's Signature

DGS 0.08g/210L ✓

0.077 to 0.083 ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:48
Control Test	0.080	09:48
Air Blank	0.000	09:49
Control Test	0.080	09:49
Air Blank	0.000	09:50
Control Test	0.079	09:50
Air Blank	0.000	09:51

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022 08:31:26

Auto Calibration
Max Power Res Value = 53
Auto Range Res Value = 44

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12827, 9um Io = 13364

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0350	(-0.0120)
Sample #2 =	0.0610	(-0.0150)
Sample #3 =	0.0830	(-0.0550)
Sample #4 =	0.0740	(-0.0280)

Avg % Abs = 0.0727 (-0.0327)
STD DEV = 0.0111 (0.0204)
REL STD DEV = 15.22% (62.462)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0890	(-0.0150)
Sample #2 =	0.1050	(-0.0160)
Sample #3 =	0.1180	(-0.0390)
Sample #4 =	0.1140	(-0.0320)

Avg % Abs = 0.1123 (-0.0290)
STD DEV = 0.0067 (0.0118)
REL STD DEV = 5.927 (40.655)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12827, 9um Io = 13364

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7710	(-0.0080)
Sample #2 =	0.7450	(0.0110)
Sample #3 =	0.7950	(-0.0310)
Sample #4 =	0.7830	(-0.0220)

Avg % Abs = 0.7743 (-0.0140)
STD DEV = 0.0261 (0.0221)
REL STD DEV = 3.371 (157.952)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5340	(-0.0010)
Sample #2 =	1.5110	(0.0150)
Sample #3 =	1.5330	(-0.0070)
Sample #4 =	1.5330	(-0.0070)

Avg % Abs = 1.5257 (0.0003)
STD DEV = 0.0127 (0.0127)
REL STD DEV = 0.833 (3810.515)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12825, 9um Io = 13362

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8030	(-0.0080)
Sample #2 =	1.8100	(-0.0020)
Sample #3 =	1.8390	(-0.0150)
Sample #4 =	1.8230	(-0.0220)

Avg % Abs = 1.8240 (-0.0130)
STD DEV = 0.0145 (0.0101)
REL STD DEV = 0.796 (78.068)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6290	(-0.0070)
Sample #2 =	3.6030	(0.0180)
Sample #3 =	3.6090	(0.0280)
Sample #4 =	3.6040	(0.0250)

Avg % Abs = 3.6053 (0.0237)
STD DEV = 0.0032 (0.0051)
REL STD DEV = 0.089 (21.683)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12821, 9um Io = 13358

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5270	(-0.0100)
Sample #2 =	3.4900	(0.0120)
Sample #3 =	3.4820	(0.0430)
Sample #4 =	3.4610	(0.0430)

Avg % Abs = 3.4777 (0.0327)
STD DEV = 0.0150 (0.0179)
REL STD DEV = 0.431 (54.789)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9920	(-0.0130)
Sample #2 =	6.9210	(0.0560)
Sample #3 =	6.9050	(0.0760)
Sample #4 =	6.8980	(0.0790)

Avg % Abs = 6.9040 (0.0703)
STD DEV = 0.0118 (0.0125)
REL STD DEV = 0.171 (17.777)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12817, 9um Io = 13356

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1090	(-0.0150)
Sample #2 =	5.0240	(0.0550)
Sample #3 =	4.9720	(0.0750)
Sample #4 =	4.9630	(0.0450)

Avg % Abs = 4.9863 (0.0583)
STD DEV = 0.0329 (0.0153)
REL STD DEV = 0.660 (26.186)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0740	(-0.0070)
Sample #2 =	9.8790	(0.1160)
Sample #3 =	9.8270	(0.1230)
Sample #4 =	9.7570	(0.1230)

Avg % Abs = 9.8210 (0.1207)
STD DEV = 0.0612 (0.0040)
REL STD DEV = 0.623 (3.349)

Optical Calibration
SN: 80-000861
Agency: Sarasota CSO
Date: 7/26/2022
Quadratic Fit: +/- 0.002g/210L
By: DERR

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.073
Std Dev = 0.01 Rel Std Dev = 15.22
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.774
Std Dev = 0.03 Rel Std Dev = 3.37
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.824
Std Dev = 0.01 Rel Std Dev = 0.80
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.478
Std Dev = 0.01 Rel Std Dev = 0.43
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.986
Std Dev = 0.03 Rel Std Dev = 0.66
Zero Order Coef = -157.90
First Order Coef = 2568.69
Second Order Coef = 65.13
Standard Deviation = 32.162167

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.112
Std Dev = 0.01 Rel Std Dev = 5.93
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.526
Std Dev = 0.01 Rel Std Dev = 0.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.605
Std Dev = 0.00 Rel Std Dev = 0.09
Sol Val = 0.9524 mg/l or 0.201 g/210L
% Abs = 6.908
Std Dev = 0.01 Rel Std Dev = 0.17
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.821
Std Dev = 0.06 Rel Std Dev = 0.62
Zero Order Coef = -105.64
First Order Coef = 1265.07
Second Order Coef = 20.10
Standard Deviation = 50.169582

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0006
0.040	0.039	0.0007
0.100	0.100	0.0004
0.200	0.201	-0.0008
0.300	0.300	0.0003

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0008
0.040	0.039	0.0007
0.100	0.099	0.0010
0.200	0.201	-0.0014
0.300	0.299	0.0006

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3268.00
Sample #2 = 3222.00
Sample #3 = 3234.00
Sample #4 = 3261.00
Average Result = 3239.0000
STD DEV = 19.9750
REL STD DEV = 0.617
****
***** CHANNEL 2
Sample #1 = 3368.00
Sample #2 = 3352.00
Sample #3 = 3358.00
Sample #4 = 3381.00
Average Result = 3363.6667
STD DEV = 15.3080
REL STD DEV = 0.455
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1018
3 um H2O Adjust (mg/l*10,000) = 570
9 um H2O Adjust (mg/l*10,000) = 446
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000861	Sarasota County Sheriff's Office	7/26/2022	DERR

0.05g/210L ✓

0.047 to 0.053 ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:27
Control Test	0.047	07:28
Air Blank	0.000	07:29
Control Test	0.047	07:29
Air Blank	0.000	07:31
Control Test	0.047	07:31
Air Blank	0.000	07:31

Control Test Stats

Average	0.0470
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

0.08g/210L ✗

0.077 to 0.083 ✗

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:34
Control Test	0.076	07:35
Air Blank	0.000	07:36
Control Test	0.076	07:36
Air Blank	0.000	07:37
Control Test	0.076	07:38
Air Blank	0.000	07:38

Control Test Stats

Average	0.0760
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

0.20g/210L ✓

0.194 to 0.206 ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:41
Control Test	0.198	07:41
Air Blank	0.000	07:42
Control Test	0.197	07:43
Air Blank	0.000	07:43
Control Test	0.197	07:44
Air Blank	0.000	07:45

Control Test Stats

Average	0.1973
Std Dev	0.0006
Rel Std Dev(%)	0.2926

Operator's Signature

DGS 0.08g/210L ✓

0.077 to 0.083 ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000851
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:46
Control Test	0.079	07:46
Air Blank	0.000	07:47
Control Test	0.079	07:47
Air Blank	0.000	07:48
Control Test	0.079	07:48
Air Blank	0.000	07:49

Control Test Stats

Average	0.0790
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature