INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Sarasota CSO S/N 80-000861

Date In 01/31/2023 DI Completion Date 02/08/2023 ☐Ship ■P/U ☐H/D ☐CMI ☐EE

Intake By TDG

- ■ 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 TDG Date 02/01/2023

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 248
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.156 (.139 - .169)
36 mm 0.175 (.156 - .190)
53 mm 0.234 (.228 - .278)
103 mm 0.519 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 68639

- ■ 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	00521080A2
		02/05/2023

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 TDG

Barometric Pressure Gauge 1025 ID # 28199

Simulator	Serial #	Lot #	Expiration
0.000	MP5099	N/A	N/A
0.040	MP5096	21410	09/30/2023
0.100	MP5098	22310	08/11/2024
0.200	MP5100	22050	02/07/2024
0.300	MP5101	22220	06/15/2024
0.080 DGS	N/A	AG115904	06/08/2023

- ■ 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	AG222203	08/10/2024

Department Inspection By TDG

Barometric Pressure ID# 28663

Gauge 1024 Instrument 1024

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:

Tech Review: Corrected the stabilities to reflect the agreement between the 0.08 ARS/DGS was >0.003. (TDG 02/09/2023)

- ■ **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**

Israel Soto Digitally signed by Israel Soto Date: 2023.02.09 13:54:58 -05'00' 2023.02.13 13:56:32 -05'00'

Tech Review / Date Admin Review / Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000861	Sarasota CSO	02/01/2023	TDG MG

TDG 02/09/2023

0.05g/210L		0.08g/210L		0.20g/210L		DGS 0.08g/210L			
0.047 to 0.053	✓	0.077 to 0.083	X	0.194 to 0.206	✓	0.077 to 0.083	✓	≤0.003 of Wet	✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:24
Control Test	0.048	15:25
Air Blank	0.000	15:25
Control Test	0.048	15:26
Air Blank	0.000	15:26
Control Test	0.048	15:27
Air Blank	0.000	15:28
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

MG
Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:31
Control Test	0.077	15:32
Air Blank	0.000	15:33
Control Test	0.076	15:33
Air Blank	0.000	15:34
Control Test	0.077	15:35
Air Blank	0.000	15:35
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

MG
Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:40
Control Test	0.202	15:40
Air Blank	0.000	15:41
Control Test	0.200	15:42
Air Blank	0.000	15:42
Control Test	0.199	15:43
Air Blank	0.000	15:44
Control Test Stats		
Average	0.2003	
Std Dev	0.0015	
Rel Std Dev(%)	0.7625	

MG
Operator's Signature

DGS

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:13
Control Test	0.080	15:13
Air Blank	0.000	15:13
Control Test	0.080	15:14
Air Blank	0.000	15:14
Control Test	0.080	15:15
Air Blank	0.000	15:15
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

MG
Operator's Signature

Comments: The 0.08 ARS was outside the acceptable range. Will perform an optical cal adjust. MG 02/01/2023

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/08/2023 09:46:47

Auto Calibration
Max Power Res Value = 52
Auto Range Res Value = 43

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12752, 9um Io = 13344

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0620	(0.0000)
Sample #2 =	0.0580	(0.0040)
Sample #3 =	0.0780	(0.0100)
Sample #4 =	0.0640	(0.0220)

Avg % Abs = 0.0667 (0.0120)
STD DEV = 0.0103 (0.0092)
REL STD DEV = 15.395 (76.376)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1280	(-0.0090)
Sample #2 =	0.1130	(-0.0010)
Sample #3 =	0.1280	(-0.0010)
Sample #4 =	0.1240	(-0.0050)

Avg % Abs = 0.1217 (-0.0023)
STD DEV = 0.0078 (0.0023)
REL STD DEV = 6.384 (98.974)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12741, 9um Io = 13338

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7620	(-0.0070)
Sample #2 =	0.7710	(0.0060)
Sample #3 =	0.7670	(0.0100)
Sample #4 =	0.7810	(0.0110)

Avg % Abs = 0.7730 (0.0090)
STD DEV = 0.0072 (0.0026)
REL STD DEV = 0.933 (29.397)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5600	(-0.0160)
Sample #2 =	1.5590	(0.0000)
Sample #3 =	1.5440	(0.0070)
Sample #4 =	1.5480	(0.0180)

Avg % Abs = 1.5503 (0.0083)
STD DEV = 0.0078 (0.0091)
REL STD DEV = 0.501 (108.885)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12736, 9um Io = 13334

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8290	(-0.0160)
Sample #2 =	1.8000	(0.0290)
Sample #3 =	1.8070	(0.0240)
Sample #4 =	1.8000	(0.0370)

Avg % Abs = 1.8023 (0.0300)
STD DEV = 0.0040 (0.0066)
REL STD DEV = 0.224 (21.858)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6660	(-0.0170)
Sample #2 =	3.6370	(0.0300)
Sample #3 =	3.6300	(0.0290)
Sample #4 =	3.6150	(0.0440)

Avg % Abs = 3.6273 (0.0343)
STD DEV = 0.0112 (0.0084)
REL STD DEV = 0.310 (24.427)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12730, 9um Io = 13331

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5370	(-0.0100)
Sample #2 =	3.4890	(0.0380)
Sample #3 =	3.4790	(0.0630)
Sample #4 =	3.4810	(0.0610)

Avg % Abs = 3.4830 (0.0540)
STD DEV = 0.0053 (0.0139)
REL STD DEV = 0.152 (25.727)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0310	(-0.0080)
Sample #2 =	6.9420	(0.0780)
Sample #3 =	6.9220	(0.0930)
Sample #4 =	6.9180	(0.1030)

Avg % Abs = 6.9273 (0.0913)
STD DEV = 0.0129 (0.0126)
REL STD DEV = 0.186 (13.777)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12725, 9um Io = 13325

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1650	(0.0000)
Sample #2 =	5.1090	(0.0610)
Sample #3 =	5.0960	(0.0900)
Sample #4 =	5.1100	(0.0840)

Avg % Abs = 5.1050 (0.0783)
STD DEV = 0.0078 (0.0153)
REL STD DEV = 0.153 (19.542)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.1750	(-0.0070)
Sample #2 =	10.0490	(0.1120)
Sample #3 =	10.0410	(0.1350)
Sample #4 =	10.0160	(0.1470)

Avg % Abs = 10.0353 (0.1313)
STD DEV = 0.0172 (0.0178)
REL STD DEV = 0.172 (13.542)

Optical Calibration	
SN:	80-000861
Agency:	Sarasota CSO
Date:	02/08/2023
Quadratic Fit: +/- 0.002g/210L	✓
By:	TDG TMG

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.067
Std Dev = 0.01 Rel Std Dev = 15.39
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.773
Std Dev = 0.01 Rel Std Dev = 0.93
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.802
Std Dev = 0.00 Rel Std Dev = 0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.483
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.105
Std Dev = 0.01 Rel Std Dev = 0.15
Zero Order Coef = -182.35
First Order Coef = 2687.85
Second Order Coef = 28.62
Standard Deviation = 5.574483

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.122
Std Dev = 0.01 Rel Std Dev = 6.38
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.550
Std Dev = 0.01 Rel Std Dev = 0.50
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.627
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.927
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.035
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -156.26
First Order Coef = 1307.30
Second Order Coef = 13.11
Standard Deviation = 3.952466

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.040	-0.0002
0.100	0.100	0.0001
0.200	0.200	-0.0001
0.300	0.300	0.0000

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0001
0.100	0.100	0.0001
0.200	0.200	-0.0001
0.300	0.300	0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3317.00
Sample #2 = 3284.00
Sample #3 = 3305.00
Sample #4 = 3325.00
Average Result = 3304.6667
STD DEV = 20.5020
REL STD DEV = 0.620
****
***** CHANNEL 2
Sample #1 = 3375.00
Sample #2 = 3386.00
Sample #3 = 3397.00
Sample #4 = 3411.00
Average Result = 3398.0000
STD DEV = 12.5300
REL STD DEV = 0.369
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1025
3 um H2O Adjust (mg/l*10,000) = 505
9 um H2O Adjust (mg/l*10,000) = 411
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-000861	Sarasota CSO	02/08/2023	TDG MG

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 ✓ ≤0.003 of Wet ✓

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:51
Control Test	0.049	10:51
Air Blank	0.000	10:52
Control Test	0.049	10:53
Air Blank	0.000	10:53
Control Test	0.048	10:54
Air Blank	0.000	10:54

Control Test Stats

Average	0.0487
Std Dev	0.0006
Rel Std Dev(%)	1.1863

MG
Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:59
Control Test	0.078	11:00
Air Blank	0.000	11:00
Control Test	0.078	11:01
Air Blank	0.000	11:01
Control Test	0.078	11:02
Air Blank	0.000	11:03

Control Test Stats

Average	0.0780
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MG
Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:06
Control Test	0.201	11:07
Air Blank	0.000	11:08
Control Test	0.198	11:08
Air Blank	0.000	11:09
Control Test	0.198	11:10
Air Blank	0.000	11:10

Control Test Stats

Average	0.1990
Std Dev	0.0017
Rel Std Dev(%)	0.8704

MG
Operator's Signature

DGS

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000861
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:12
Control Test	0.080	11:12
Air Blank	0.000	11:12
Control Test	0.080	11:13
Air Blank	0.000	11:13
Control Test	0.080	11:14
Air Blank	0.000	11:14

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MG
Operator's Signature

Comments:

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: SARASOTA COUNTY SO
Time of Inspection: 14:09
Date of Inspection: 02/08/2023
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#:AG222203 Exp: 08/10/2024
0.000	0.049	0.077	0.199	0.081
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.077	0.200	0.080
0.000	0.049	0.077	0.199	0.080
0.000	0.049	0.077	0.199	0.080
0.000	0.049	0.077	0.199	0.080
0.000	0.049	0.077	0.199	0.080
0.000	0.049	0.078	0.199	0.081
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.077	0.199	0.080
Standard Deviations	0.0000	0.0004	0.0003	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:

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.

Taylor Gutschow
TAYLOR D GUTSCHOW
Signature and Printed Name

02/08/2023
Date

FDLE/ATP Form 41 –Revised August 2005

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:	02/08/2023
Calibration Time:	14:09

	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.

02/08/2023
Date

TAYLOR D GUTSCHOW,
Department Inspector