FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Patrick Air Force Base S/N 80-001471

Date In 12/9/2021 DI Completion Date 1/12/2022 ■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 1/12/2022

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 172
- ■ Flow Verification (L/s)

Flow Column # ATP106

32 mm 0.125 (.139 - .169)
36 mm 0.140 (.156 - .190)
53 mm 0.207 (.228 - .278)
103 mm 0.488 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 28663

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP6286	202010A
		10/05/2022
0.080	MP6287	202010B
		10/05/2022
0.200	MP6288	202010D
		10/06/2022
0.080 DGS	N/A	AG115904
		06/08/2023

Flow Calibration By DERR Date 1/12/2022

Flow Column # ATP104

- ■ 5L/min – 17mm
- ■ 15L/min – 53mm
- ■ 30L/min – 103mm
- ■ R-Value 165
- ■ Post Calibration Verification (L/s)

Flow Column # ATP106

32 mm 0.140 (.139 - .169)
36 mm 0.160 (.156 - .190)
53 mm 0.230 (.228 - .278)
103 mm 0.503 (.447 - .547)

Maintenance By

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

Calibration Adjustment By

Barometric Pressure Gauge ID #

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

Department Inspection By DERR

Barometric Pressure ID# 28199
Gauge 1024 Instrument 1022
Mouth Alcohol Solution Lot # 2021-D
Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	MP6284
Interferent	MP6285
0.050	MP6286
0.080	MP6287
0.200	MP6288

Attachments

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

Notes/Suggested Service: Calibrated flow to bring values closer to nominal. Instrument had an interferent detect during stabilities, unknown source, re-ran the solution on another stabilities test. During the Department Inspection, the instrument did not identify the interferent test. DERR

- ☐ **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

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PATRICK AFB SFS
Time of Inspection: 10:35
Date of Inspection: 01/12/2022
Serial Number: 80-001471
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		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:
0.000				
0.000				
0.000				
0.000				
0.000				
0.000				
0.000				
0.000				
0.000				
0.000				

Standard Deviations				

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

Remarks:
Int Det:DID NOT IDENTIFY THE INTERFERENT.Non-compliance:FAILED TO IDENTIFY INTERFERENT DETECT TEST..

The above instrument complies ( ) does not comply (X) 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

01/12/2022
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities 2	80-001471	Patrick Air Force Base	1/12/2022	DERR DERR

		0.194 to 0.206 ☑	
X	X	PATRICK AFB SFS Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001471 01/12/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:26 Control Test 0.200 09:26 Air Blank 0.000 09:27 Control Test 0.201 09:27 Air Blank 0.000 09:28 Control Test 0.202 09:29 Air Blank 0.000 09:29 Control Test Stats Average 0.2010 Std Dev 0.0010 Rel Std Dev(%) 0.4975 Operator's Signature	Instrument had an interferent detect during the first stabilities test. Unknown source, re-ran then stabilities test. DERR

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001471	Patrick Air Force Base	1/12/2022	DERR

0.05g/210L ✓

0.047 to 0.053 ✓

PATRICK AFB SFS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
01/12/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:53
Control Test	0.053	08:54
Air Blank	0.000	08:54
Control Test	0.052	08:55
Air Blank	0.000	08:55
Control Test	0.053	08:56
Air Blank	0.000	08:57

Control Test Stats

Average	0.0527
Std Dev	0.0006
Rel Std Dev(%)	1.0962

Operator's Signature

0.08g/210L ✓

0.077 to 0.083 ✓

PATRICK AFB SFS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
01/12/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:58
Control Test	0.081	08:59
Air Blank	0.000	08:59
Control Test	0.082	09:00
Air Blank	0.000	09:00
Control Test	0.082	09:01
Air Blank	0.000	09:02

Control Test Stats

Average	0.0817
Std Dev	0.0006
Rel Std Dev(%)	0.7070

Operator's Signature

0.20g/210L ✗

0.194 to 0.206 ✗

PATRICK AFB SFS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
01/12/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:03
Control Test	INT*	09:04
Air Blank	0.000	09:04
Control Test	0.202	09:05
Air Blank	0.000	09:05
Control Test	0.202	09:06
Air Blank	0.000	09:07

Control Test Stats

Average	0.2003
Std Dev	0.0029
Rel Std Dev(%)	1.4410

*Interferent Detect

Operator's Signature

DGS 0.08g/210L ✓

0.077 to 0.083 ✓

PATRICK AFB SFS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
01/12/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:09
Control Test	0.084	09:09
Air Blank	0.000	09:10
Control Test	0.085	09:10
Air Blank	0.000	09:11
Control Test	0.084	09:11
Air Blank	0.000	09:12

Control Test Stats

Average	0.0843
Std Dev	0.0006
Rel Std Dev(%)	0.6846

Operator's Signature

PATRICK AFB SFS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
01/12/2022
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.926
2: Rate (Liters/min) = 15
SQRT(Diff)) = 11.746
3: Rate (Liters/min) = 30
SQRT(Diff)) = 21.328
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 669
Rounded Intercept = -615625
Correlation = 0.99729

Flow Calibration	
SN:	80-001471
Agency:	Patrick Air Force Base
Date:	1/12/2022
By:	DERR

PATRICK AFB SFS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
01/12/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.000	11:01
Air Blank	0.000	11:01
Control Test	INT*	11:02
Air Blank	0.000	11:02
Control Test	INT*	11:03
Air Blank	0.000	11:03
Control Test Stats		
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

*Interferent Detect

Operator's Signature

Stabilities test of interferent detect post inspection failed to identify the first sample and recognized the following two samples.

Instrument will be kept out of evidentiary use and the agency will be notified.

Dell 1/12/2022

Return Material Authorization

Ship to: ☑ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: TJ Graham on 3/8/2022

Items Returned: Instrument ☑ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001471

Bill To Address:
Sumter County Sheriff's Office
(PLEASE SEE NOTE BELOW)

Ship to Address:
Florida Department of Law Enforcement
Fort Myers Regional Operations Center
Attn: Alcohol Testing Program
4700 Terminal Drive, Suite 1
Fort Myers, FL 33907

Reason for Return:

Instrument intermittently fails to properly detect the presence of alcohol or incorrectly detects interferents when there are none. Please send quote to both FDLE and Sumter CSO.

Please choose one of the following options:

☐ 1. I _____, authorize all repairs.

☐ 2. I _____, authorize repairs up to $_____.

☑ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Terence Hollis

Phone #: 352-569-1710 Email: thollis@sumtercountysheriff.org

ATP Contact Name: Taylor Gutschow ATP Email: TaylorGutschow@fdle.state.fl.us

INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Sumter CSO S/N 80-001471

Date In 11/08/2022 DI Completion Date 11/15/2022 ■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 11/08/2022

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 155
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.144 (.139 - .169)
36 mm 0.156 (.156 - .190)
53 mm 0.230 (.228 - .278)
103 mm 0.500 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 68639

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP6286	202201C
		01/11/2024
0.080	MP6287	202201D
		01/18/2024
0.200	MP6288	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 1019/1019 ID # 26932

Simulator	Serial #	Lot #	Expiration
0.000	MP5099	N/A	N/A
0.040	MP5096	21070	03/01/2023
0.100	MP5098	21380	09/13/2023
0.200	MP5100	20510	12/03/2022
0.300	MP5101	21420	10/20/2023
0.080 DGS	N/A	AG115904	06/08/2023

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP6286	202201C	01/11/2024
0.080	MP6287	202201D	01/18/2024
0.200	MP6288	202201E	01/18/2024
0.080 DGS	N/A	00521080A2	02/05/2023

Department Inspection By TDG

Barometric Pressure ID# 28199

Gauge 1018 Instrument 1017

Mouth Alcohol Solution Lot # 2021-D

Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	MP6284
Interferent	MP6285
0.050	MP6286
0.080	MP6287
0.200	MP6288

Attachments

- ■ Form 41
- ■ Stability Checks
- ■ Calibration Certificate
- ■ Calibration Adjustment (x2)
- ■ Post-Stability Checks (x2)
- ❑ Flow Calibration
- ❑ Form 40
- ■ Other Form 47

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**

Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2022.11.17 11:12:10 -05'00' — Tech Review / Date

Israel Soto Digitally signed by Israel Soto Date: 2022.11.17 11:32:10 -05'00' — Admin Review / Date

FDLE Florida Department of Law Enforcement

REQUEST FOR REGISTRATION

MAKE AND MODEL OF INSTRUMENT: Intoxilyzer 8000

SERIAL NUMBER: 80-001471

OWNING AGENCY: Sumter CSO

DATE OF DEPARTMENT INSPECTION: 11/15/2022

AGENCY INSPECTOR: Terence Hollis

ADDRESS: 219 E. Anderson Ave

CITY, STATE, ZIP: Bushnell, FL 33513

TELEPHONE NUMBER: 352-569-1710

FAX NUMBER: n/a

EMAIL ADDRESS (if available): thollis@sumtercountysheriff.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**

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1471	Sumter CSO	11/08/2022	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 X ≤0.003 of Wet ✓

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/08/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:55
Control Test	0.049	14:56
Air Blank	0.000	14:56
Control Test	0.048	14:57
Air Blank	0.000	14:57
Control Test	0.048	14:58
Air Blank	0.000	14:59
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

MG
Operator's Signature

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/08/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:09
Control Test	0.080	15:10
Air Blank	0.000	15:11
Control Test	0.079	15:11
Air Blank	0.000	15:12
Control Test	0.078	15:12
Air Blank	0.000	15:13
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

MG
Operator's Signature

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/08/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:17
Control Test	0.198	15:17
Air Blank	0.000	15:18
Control Test	0.196	15:19
Air Blank	0.000	15:19
Control Test	0.197	15:20
Air Blank	0.000	15:20
Control Test Stats		
Average	0.1970	
Std Dev	0.0010	
Rel Std Dev(%)	0.5076	

MG
Operator's Signature

DGS

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/08/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:49
Control Test	0.076	14:49
Air Blank	0.000	14:49
Control Test	0.077	14:50
Air Blank	0.000	14:50
Control Test	0.079	14:51
Air Blank	0.000	14:51
Control Test Stats		
Average	0.0773	
Std Dev	0.0015	
Rel Std Dev(%)	1.9753	

MG
Operator's Signature

Comments: DGS Test failed the Stability Checks. Will perform an optical cal adjust. MG 11/08/2022

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022 09:15:45

Auto Calibration
Max Power Res Value = 53
Auto Range Res Value = 22

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12564, 9um Io = 12941

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.2460	(0.0000)
Sample #2 =	0.2180	(0.1240)
Sample #3 =	0.2020	(0.2130)
Sample #4 =	0.2060	(0.3190)

Avg % Abs = 0.2087 (0.2187)
STD DEV = 0.0083 (0.0976)
REL STD DEV = 3.990 (44.645)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.3710	(-0.0220)
Sample #2 =	0.3450	(0.0380)
Sample #3 =	0.3530	(0.0560)
Sample #4 =	0.3420	(0.0980)

Avg % Abs = 0.3467 (0.0640)
STD DEV = 0.0057 (0.0308)
REL STD DEV = 1.640 (48.109)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12495, 9um Io = 12915

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9320	(-0.0040)
Sample #2 =	0.8990	(0.0550)
Sample #3 =	0.8820	(0.1100)
Sample #4 =	0.9090	(0.1280)

Avg % Abs = 0.8967 (0.0977)
STD DEV = 0.0137 (0.0380)
REL STD DEV = 1.522 (38.939)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7610	(-0.0120)
Sample #2 =	1.7430	(0.0080)
Sample #3 =	1.7210	(0.0610)
Sample #4 =	1.7160	(0.0690)

Avg % Abs = 1.7267 (0.0460)
STD DEV = 0.0144 (0.0332)
REL STD DEV = 0.832 (72.068)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12460, 9um Io = 12901

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9900	(-0.0240)
Sample #2 =	1.9550	(0.0190)
Sample #3 =	1.9680	(0.0560)
Sample #4 =	1.9450	(0.1010)

Avg % Abs = 1.9560 (0.0587)
STD DEV = 0.0115 (0.0411)
REL STD DEV = 0.590 (69.997)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8230	(-0.0130)
Sample #2 =	3.7430	(0.0590)
Sample #3 =	3.7830	(0.0550)
Sample #4 =	3.7570	(0.0810)

Avg % Abs = 3.7610 (0.0650)
STD DEV = 0.0203 (0.0140)
REL STD DEV = 0.540 (21.538)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12424, 9um Io = 12878

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6630	(-0.0170)
Sample #2 =	3.6670	(0.0080)
Sample #3 =	3.6290	(0.0540)
Sample #4 =	3.6530	(0.0750)

Avg % Abs = 3.6497 (0.0457)
STD DEV = 0.0192 (0.0343)
REL STD DEV = 0.527 (75.041)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0420	(-0.0150)
Sample #2 =	6.9870	(0.0340)
Sample #3 =	6.9760	(0.0590)
Sample #4 =	6.9780	(0.0510)

Avg % Abs = 6.9803 (0.0480)
STD DEV = 0.0059 (0.0128)
REL STD DEV = 0.084 (26.598)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12395, 9um Io = 12868

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3360	(-0.0200)
Sample #2 =	5.2800	(0.0440)
Sample #3 =	5.3140	(0.0420)
Sample #4 =	5.2830	(0.0620)

Avg % Abs = 5.2923 (0.0493)
STD DEV = 0.0188 (0.0110)
REL STD DEV = 0.356 (22.328)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.1300	(-0.0120)
Sample #2 =	10.0190	(0.0880)
Sample #3 =	10.0530	(0.0850)
Sample #4 =	10.0150	(0.1030)

Avg % Abs = 10.0290 (0.0920)
STD DEV = 0.0209 (0.0096)
REL STD DEV = 0.208 (10.482)

Optical Calibration #1	
SN:	80-00 1471
Agency:	Sumter CSO
Date:	11/15/2022
Quadratic Fit: +/- 0.002g/210L	✓
By:	TDG

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.209
Std Dev = 0.01 Rel Std Dev = 3.99
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.897
Std Dev = 0.01 Rel Std Dev = 1.52
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.956
Std Dev = 0.01 Rel Std Dev = 0.59
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.650
Std Dev = 0.02 Rel Std Dev = 0.53
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.292
Std Dev = 0.02 Rel Std Dev = 0.36
Zero Order Coef = -538.51
First Order Coef = 2665.80
Second Order Coef = 25.43
Standard Deviation = 19.888802

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.347
Std Dev = 0.01 Rel Std Dev = 1.64
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.727
Std Dev = 0.01 Rel Std Dev = 0.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.761
Std Dev = 0.02 Rel Std Dev = 0.54
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.980
Std Dev = 0.01 Rel Std Dev = 0.08
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.029
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -459.52
First Order Coef = 1340.45
Second Order Coef = 12.92
Standard Deviation = 6.952269

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0004
0.040	0.039	0.0007
0.100	0.100	-0.0002
0.200	0.200	-0.0001
0.300	0.300	0.0001

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	0.0002
0.100	0.100	-0.0001
0.200	0.200	-0.0001
0.300	0.300	0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2829.00
Sample #2 = 2804.00
Sample #3 = 2772.00
Sample #4 = 2871.00
Average Result = 2815.6667
STD DEV = 50.5206
REL STD DEV = 1.794
****
***** CHANNEL 2
Sample #1 = 2928.00
Sample #2 = 2880.00
Sample #3 = 2885.00
Sample #4 = 2927.00
Average Result = 2897.3333
STD DEV = 25.8134
REL STD DEV = 0.891
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1019
3 um H20 Adjust (mg/l*10,000) = 994
9 um H20 Adjust (mg/l*10,000) = 912
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal #1)	80-00 1471	Sumter CSO	11/15/2022	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 ✓

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:42
Control Test	0.049	10:42
Air Blank	0.000	10:43
Control Test	0.047	10:44
Air Blank	0.000	10:44
Control Test	0.048	10:45
Air Blank	0.000	10:45

Control Test Stats

Average	0.0480
Std Dev	0.0010
Rel Std Dev(%)	2.0833

MG
Operator's Signature

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:58
Control Test	0.079	10:59
Air Blank	0.000	10:59
Control Test	0.078	11:00
Air Blank	0.000	11:00
Control Test	0.077	11:01
Air Blank	0.000	11:02

Control Test Stats

Average	0.0780
Std Dev	0.0010
Rel Std Dev(%)	1.2821

MG
Operator's Signature

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:04
Control Test	0.199	11:05
Air Blank	0.000	11:06
Control Test	0.198	11:06
Air Blank	0.000	11:07
Control Test	0.198	11:08
Air Blank	0.000	11:08

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

MG
Operator's Signature

DGS

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:38
Control Test	0.077	10:38
Air Blank	0.000	10:39
Control Test	0.076	10:39
Air Blank	0.000	10:40
Control Test	0.077	10:40
Air Blank	0.000	10:41

Control Test Stats

Average	0.0767
Std Dev	0.0006
Rel Std Dev(%)	0.7531

MG
Operator's Signature

Comments: DGS Test failed the Stability Checks. Will repeat the optical cal adjust.
MG 11/15/2022

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022 11:10:54

Auto Calibration
Max Power Res Value = 53
Auto Range Res Value = 22

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12420, 9um Io = 12872

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1880	(-0.0030)
Sample #2 =	0.1760	(0.0650)
Sample #3 =	0.2030	(0.1020)
Sample #4 =	0.1990	(0.1520)

Avg % Abs = 0.1927 (0.1063)
STD DEV = 0.0146 (0.0437)
REL STD DEV = 7.563 (41.061)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.3420	(-0.0010)
Sample #2 =	0.3050	(0.0280)
Sample #3 =	0.3580	(0.0090)
Sample #4 =	0.3470	(0.0300)

Avg % Abs = 0.3367 (0.0223)
STD DEV = 0.0280 (0.0116)
REL STD DEV = 8.308 (51.897)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12381, 9um Io = 12862

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9120	(-0.0480)
Sample #2 =	0.8730	(-0.0170)
Sample #3 =	0.8750	(0.0210)
Sample #4 =	0.8730	(0.0150)

Avg % Abs = 0.8737 (0.0063)
STD DEV = 0.0012 (0.0204)
REL STD DEV = 0.132 (322.559)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7500	(-0.0090)
Sample #2 =	1.7190	(0.0140)
Sample #3 =	1.6980	(0.0370)
Sample #4 =	1.7060	(0.0290)

Avg % Abs = 1.7077 (0.0267)
STD DEV = 0.0106 (0.0117)
REL STD DEV = 0.621 (43.786)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12371, 9um Io = 12857

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9250	(-0.0100)
Sample #2 =	1.9190	(0.0090)
Sample #3 =	1.9250	(0.0280)
Sample #4 =	1.9400	(0.0130)

Avg % Abs = 1.9280 (0.0167)
STD DEV = 0.0108 (0.0100)
REL STD DEV = 0.561 (60.100)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7930	(-0.0130)
Sample #2 =	3.7460	(0.0230)
Sample #3 =	3.7750	(0.0200)
Sample #4 =	3.7600	(0.0120)

Avg % Abs = 3.7603 (0.0183)
STD DEV = 0.0145 (0.0057)
REL STD DEV = 0.386 (31.016)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12369, 9um Io = 12856

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7000	(-0.0040)
Sample #2 =	3.6610	(0.0430)
Sample #3 =	3.6260	(0.0600)
Sample #4 =	3.6600	(0.0440)

Avg % Abs = 3.6490 (0.0490)
STD DEV = 0.0199 (0.0095)
REL STD DEV = 0.546 (19.468)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0920	(-0.0140)
Sample #2 =	7.0220	(0.0560)
Sample #3 =	6.9910	(0.0710)
Sample #4 =	6.9950	(0.0670)

Avg % Abs = 7.0027 (0.0647)
STD DEV = 0.0169 (0.0078)
REL STD DEV = 0.241 (12.012)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12362, 9um Io = 12853

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4080	(-0.0290)
Sample #2 =	5.3430	(0.0200)
Sample #3 =	5.3050	(0.0330)
Sample #4 =	5.2780	(0.0710)

Avg % Abs = 5.3087 (0.0413)
STD DEV = 0.0327 (0.0265)
REL STD DEV = 0.615 (64.117)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.1730	(-0.0120)
Sample #2 =	10.1040	(0.0640)
Sample #3 =	10.0510	(0.0800)
Sample #4 =	10.0590	(0.0830)

Avg % Abs = 10.0713 (0.0757)
STD DEV = 0.0286 (0.0102)
REL STD DEV = 0.284 (13.499)

Optical Calibration #2
SN: 80-00 1471
Agency: Sumter CSO
Date: 11/15/2022
Quadratic Fit: +/- 0.002g/210L ✓
By: TDG TDG

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.193
Std Dev = 0.01 Rel Std Dev = 7.56
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.874
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.928
Std Dev = 0.01 Rel Std Dev = 0.56
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.649
Std Dev = 0.02 Rel Std Dev = 0.55
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.309
Std Dev = 0.03 Rel Std Dev = 0.62
Zero Order Coef = -491.15
First Order Coef = 2686.15
Second Order Coef = 17.97
Standard Deviation = 26.599447

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.337
Std Dev = 0.03 Rel Std Dev = 8.31
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.708
Std Dev = 0.01 Rel Std Dev = 0.62
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.760
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.003
Std Dev = 0.02 Rel Std Dev = 0.24
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.071
Std Dev = 0.03 Rel Std Dev = 0.28
Zero Order Coef = -437.59
First Order Coef = 1337.47
Second Order Coef = 12.31
Standard Deviation = 14.196739

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	0.0002
0.200	0.201	-0.0005
0.300	0.300	0.0002

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0005
0.100	0.100	-0.0001
0.200	0.200	-0.0002
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 = 2906.00
Sample #2 = 2837.00
Sample #3 = 2860.00
Sample #4 = 2943.00
Average Result = 2880.0000
STD DEV = 55.7584
REL STD DEV = 1.936
****
***** CHANNEL 2
Sample #1 = 2914.00
Sample #2 = 2912.00
Sample #3 = 2914.00
Sample #4 = 2935.00
Average Result = 2920.3333
STD DEV = 12.7410
REL STD DEV = 0.436
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1018
3 um H20 Adjust (mg/l*10,000) = 929
9 um H20 Adjust (mg/l*10,000) = 889
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal #2)	80-00 1471	Sumter CSO	11/15/2022	TDG TMG

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 ✓

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:13
Control Test	0.049	12:14
Air Blank	0.000	12:15
Control Test	0.048	12:15
Air Blank	0.000	12:16
Control Test	0.047	12:16
Air Blank	0.000	12:17
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

TMG
Operator's Signature

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.079	12:21
Air Blank	0.000	12:22
Control Test	0.078	12:23
Air Blank	0.000	12:23
Control Test	0.078	12:24
Air Blank	0.000	12:24
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

TMG
Operator's Signature

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:27
Control Test	0.199	12:28
Air Blank	0.000	12:29
Control Test	0.198	12:29
Air Blank	0.000	12:30
Control Test	0.198	12:31
Air Blank	0.000	12:31
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

TMG
Operator's Signature

DGS

SUMTER CSO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001471
11/15/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:32
Control Test	0.079	12:32
Air Blank	0.000	12:33
Control Test	0.080	12:33
Air Blank	0.000	12:34
Control Test	0.080	12:34
Air Blank	0.000	12:34
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

TMG
Operator's Signature

Comments:

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: SUMTER CSO
Time of Inspection: 14:54
Date of Inspection: 11/15/2022
Serial Number: 80-001471
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#:00521080A2 Exp: 02/05/2023
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.050	0.079	0.198	0.080
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.050	0.079	0.199	0.079
Standard Deviations	0.0004	0.0005	0.0003	0.0005

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 (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

11/15/2022
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 80-001471 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001471
Owning Agency:	SUMTER CSO
Calibration Date:	11/15/2022
Calibration Time:	14:54

	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.

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without written approval of the Florida Department of
Law Enforcement Alcohol Testing Program.

11/15/2022
Date

TAYLOR D GUTSCHOW,
Department Inspector