



## INSTRUMENT PROCESSING SHEET

Agency St. Petersburg PDS/N 80-001653Florida Department of  
Law EnforcementDate In 9/20/2022DI Completion Date 10/17/2022☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date 9/26/2022	Flow Calibration	By	Date																																								
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Return from CMI / EE  Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight  Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable  Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>210</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>68639</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																										
					<b>Maintenance</b> By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ _____ _____ _____ _____ _____																																										
<b>Calibration Adjustment</b> By TDG				<b>Department Inspection</b> By TDG																																											
Barometric Pressure Gauge <u>1013</u> ID # <u>28663</u>				Barometric Pressure ID# <u>28199</u>																																											
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Notes/Suggested Service: Performed discretionary optical cal adjust to bring values closer to nominal. Processing was delayed due to Hurricane Ian. (TDG) _____ _____ _____ _____ _____ _____ _____ _____ _____				<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use																																											
DERR Tech Review / Date				Israel Soto Admin Review / Date																																											



# Florida Department of Law Enforcement Alcohol Testing Program

## AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ST PETERSBURG PD  
Time of Inspection: 11:56

Date of Inspection: 09/26/2022

Serial Number: 80-001653  
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:

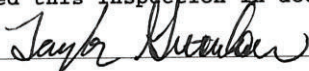
Number of Simulators Used: \_\_\_\_\_

**Remarks:**

BYPASSED AI. COMPLIANCE NOT DETERMINED.

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.



TAYLOR D GUTSCHOW

Signature and Printed Name

09/26/2022  
Date

# Florida Department of Law Enforcement Alcohol Testing Program

## AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ST PETERSBURG PD  
Time of Inspection: 09:24

Date of Inspection: 10/17/2022

Serial Number: 80-001653  
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:

BYPASSED AI TO OPERATE. AI NOT CONDUCTED. Processing delay due to Hurricane Ian. MG 10/17/22

Not determined MG 10/17/2022

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.

*Taylor D Gutschow*

TAYLOR D GUTSCHOW

Signature and Printed Name

10/17/2022  
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1653	St. Petersburg PD	09/26/2022	TDG MG

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																																																				
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ST PETERSBURG PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001653  
10/17/2022 09:27:10

Auto Calibration  
Max Power Res Value = 99  
Auto Range Res Value = 82

Sol Value = 0.000 g/210L \*\*\*  
Fit value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12562, 9um Io = 13896

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1650 (-0.0330)  
Sample #2 = 0.1310 (0.0060)  
Sample #3 = 0.1340 (0.0330)  
Sample #4 = 0.1210 (0.0620)

Aug % Abs = 0.1287 (0.0337)  
STD DEV = 0.0068 (0.0280)  
REL STD DEV = 5.290 (83.186)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1760 (-0.0230)  
Sample #2 = 0.1550 (0.0000)  
Sample #3 = 0.1620 (0.0050)  
Sample #4 = 0.1660 (0.0130)  
Aug % Abs = 0.1610 (0.0060)  
STD DEV = 0.0056 (0.0066)  
REL STD DEV = 3.458 (109.291)

Sol Value = 0.040 g/210L \*\*\*  
Fit value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12543, 9um Io = 13886  
\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.8730 (-0.0100)  
Sample #2 = 0.8230 (0.0380)  
Sample #3 = 0.8420 (0.0500)  
Sample #4 = 0.8540 (0.0540)  
Aug % Abs = 0.8397 (0.0473)  
STD DEV = 0.0156 (0.0083)  
REL STD DEV = 1.862 (17.592)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.5720 (-0.0170)  
Sample #2 = 1.5450 (0.0140)  
Sample #3 = 1.5480 (0.0230)  
Sample #4 = 1.5700 (0.0180)  
Aug % Abs = 1.5543 (0.0183)  
STD DEV = 0.0137 (0.0045)  
REL STD DEV = 0.878 (24.596)

Sol Value = 0.100 g/210L \*\*\*  
Fit value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12527, 9um Io = 13877

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.9490 (-0.0100)  
Sample #2 = 1.9350 (-0.0120)  
Sample #3 = 1.9430 (0.0060)  
Sample #4 = 1.9580 (0.0260)  
Aug % Abs = 1.9453 (0.0067)  
STD DEV = 0.0117 (0.0190)  
REL STD DEV = 0.600 (285.132)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.6100 (-0.0150)  
Sample #2 = 3.6070 (0.0050)  
Sample #3 = 3.5870 (0.0160)  
Sample #4 = 3.5840 (0.0230)  
Aug % Abs = 3.5927 (0.0147)  
STD DEV = 0.0125 (0.0091)  
REL STD DEV = 0.348 (61.867)

Sol Value = 0.200 g/210L \*\*\*  
Fit value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12515, 9um Io = 13870

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.7220 (-0.0230)  
Sample #2 = 3.7090 (0.0000)  
Sample #3 = 3.7180 (0.0050)  
Sample #4 = 3.7060 (0.0330)  
Aug % Abs = 3.7110 (0.0127)  
STD DEV = 0.0062 (0.0178)  
REL STD DEV = 0.168 (140.414)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 6.8560 (-0.0070)  
Sample #2 = 6.8460 (0.0190)  
Sample #3 = 6.8270 (0.0310)  
Sample #4 = 6.8360 (0.0440)  
Aug % Abs = 6.8363 (0.0313)  
STD DEV = 0.0095 (0.0125)  
REL STD DEV = 0.139 (39.904)

Sol Value = 0.300 g/210L \*\*\*  
Fit value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12506, 9um Io = 13866

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 5.4140 (-0.0150)  
Sample #2 = 5.3970 (0.0320)  
Sample #3 = 5.4240 (0.0340)  
Sample #4 = 5.3890 (0.0480)  
Aug % Abs = 5.4033 (0.0380)  
STD DEV = 0.0183 (0.0087)  
REL STD DEV = 0.339 (22.942)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 9.9540 (0.0090)  
Sample #2 = 9.9100 (0.0580)  
Sample #3 = 9.9000 (0.0810)  
Sample #4 = 9.8910 (0.0820)  
Aug % Abs = 9.9003 (0.0737)  
STD DEV = 0.0095 (0.0136)  
REL STD DEV = 0.096 (18.430)

Optical Calibration	
SN:	80-00 1653
Agency:	St. Petersburg PD
Date:	10/17/2022
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG MK

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*  
\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.129  
Std Dev = 0.01 Rel Std Dev = 5.29  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.840  
Std Dev = 0.02 Rel Std Dev = 1.86  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.945  
Std Dev = 0.01 Rel Std Dev = 0.60  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.711  
Std Dev = 0.01 Rel Std Dev = 0.17  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.403  
Std Dev = 0.02 Rel Std Dev = 0.34  
Zero Order Coef = -300.35  
First Order Coef = 2552.10  
Second Order Coef = 26.98  
Standard Deviation = 27.839069

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.161  
Std Dev = 0.01 Rel Std Dev = 3.46  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.554  
Std Dev = 0.01 Rel Std Dev = 0.88  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.593  
Std Dev = 0.01 Rel Std Dev = 0.35  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.836  
Std Dev = 0.01 Rel Std Dev = 0.14  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.900  
Std Dev = 0.01 Rel Std Dev = 0.10  
Zero Order Coef = -210.88  
First Order Coef = 1337.50  
Second Order Coef = 12.77  
Standard Deviation = 5.179947

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 0.0009  
0.100 0.100 -0.0001  
0.200 0.200 -0.0004  
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 -0.0001  
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 = 2890.00  
Sample #2 = 2929.00  
Sample #3 = 2881.00  
Sample #4 = 2880.00  
Average Result = 2896.6667  
STD DEV = 28.0060  
REL STD DEV = 0.967

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample #1 = 3218.00  
Sample #2 = 3274.00  
Sample #3 = 3298.00  
Sample #4 = 3306.00  
Average Result = 3292.6667  
STD DEV = 16.6533  
REL STD DEV = 0.506

\*\*\*\*\*  
Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1012  
3 um H2O Adjust (mg/l\*10,000) = 913  
9 um H2O Adjust (mg/l\*10,000) = 517  
\*\*\*\* AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-001653	St. Petersburg PD	10/17/2022	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
✓	✓	✓	✓
ST PETERSBURG PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001653 10/17/2022 Software: 8100.27	ST PETERSBURG PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001653 10/17/2022 Software: 8100.27	ST PETERSBURG PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001653 10/17/2022 Software: 8100.27	DGS ST PETERSBURG PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001653 10/17/2022 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 10:34	Air Blank 0.000 10:42	Air Blank 0.000 10:51	Air Blank 0.000 10:56
Control Test 0.048 10:35	Control Test 0.078 10:43	Control Test 0.199 10:51	Control Test 0.079 10:56
Air Blank 0.000 10:35	Air Blank 0.000 10:43	Air Blank 0.000 10:52	Air Blank 0.000 10:56
Control Test 0.048 10:36	Control Test 0.078 10:44	Control Test 0.198 10:53	Control Test 0.079 10:57
Air Blank 0.000 10:37	Air Blank 0.000 10:45	Air Blank 0.000 10:53	Air Blank 0.000 10:57
Control Test 0.048 10:37	Control Test 0.078 10:45	Control Test 0.198 10:54	Control Test 0.079 10:58
Air Blank 0.000 10:38	Air Blank 0.000 10:46	Air Blank 0.000 10:54	Air Blank 0.000 10:58
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0480	Average 0.0780	Average 0.1983	Average 0.0790
Std Dev 0.0000	Std Dev 0.0000	Std Dev 0.0006	Std Dev 0.0000
Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.2911	Rel Std Dev(%) 0.0000
MG Operator's Signature	MG Operator's Signature	MG Operator's Signature	MG Operator's Signature

Comments:



# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST PETERSBURG PD  
Time of Inspection: 14:02

Date of Inspection: 10/17/2022

Serial Number: 80-001653  
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	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.049	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.078	0.198	0.079

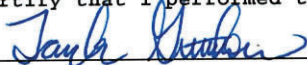
Standard Deviations	0.0005	0.0003	0.0000	0.0000
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:

The above instrument complies ( ☒ ) 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 D GUTSCHOW

Signature and Printed Name

10/17/2022  
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 80-001653, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001653</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ST PETERSBURG PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/17/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:02</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  $\pm 0.005$  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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

10/17/2022

Date

TAYLOR D GUTSCHOW,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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