Alcohol Testing Program - Instrument Processing Sheet

Agency: St. Johns County SO **Instrument Serial Number:** 80-007366

Date In: 7/29/2026 **DI Completion Date:** 08/04/2026 ☐ Ship ☑ P/U ☐ H/D ☐ CMI ☐ EE

Intake By: SLH Date: 7/30/2026

☒ Annual
☒ Dropped Off
☐ Registration
☐ Return from CMI / EE
☐ Training Instrument

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: SLH Date: 7/30/2026

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☑ R-Value: 210
☑ Flow Verification (L/s)
Flow Column #: ATP 102

32 mm	0.152	(.139-.169)
36 mm	0.171	(.156-.190)
53 mm	0.242	(.228-.278)
103 mm	0.511	(.447-.547)

☒ Barometric Pressure Check
Gauge ID #: 28427
Gauge: 1008 Instrument: 1008
☑ Stability Checks

Simulator	Serial #	Lot#/Exp
0.050	MP5088	202603A 03/03/2028
0.080	MP5089	202603B 03/03/2028
0.200	MP5089	202603D 03/04/2028
0.080 DGS	N/A	23825080A1 10/5/2027

Flow Adjustment By:

Flow Column #:

☐ 5L/min – 17mm
☐ 15L/min – 53mm
☐ 30L/min – 103mm

☐ R-Value:
☐ Post Adjustment Verification (L/S)
Flow Column #:

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

Maintenance By: Date:

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Tank Sensor Tare
☐ Breath Tube Replacement
☐ Other:

Optical Bench Adjustment By: SLH

Barometric Pressure Gauge: 1008 ID#: 34419

Simulator	Serial #	Lot #	Expiration
0.000	MP6294	N/A	N/A
0.040	MP6295	25090	03/11/2027
0.100	MP6296	24390	10/29/2026
0.200	MP6297	25020	01/14/2027
0.300	MP6298	25150	05/06/2027
0.080 DGS	N/A	AG526603	09/23/2027

☑ Post Optical Bench Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5088	202603A	03/03/2028
0.080	MP5089	202603B	03/03/2028
0.200	MP5090	202603D	03/04/2028
0.080 DGS	N/A	23825080A1	10/5/2027

Gauge ID #: 28427
Gauge: 1009 Instrument: 1012

Department Inspection By: SLH

Barometric Pressure ID#: 28427
Gauge: 1009 Instrument: 1011
Mouth Alcohol Solution Lot #: 2025-D Exp: 09/25/2027
Acetone Stock Solution Lot #: 2025-B Exp: 09/22/2027

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

☑ Form 41
☑ Stability Checks
☑ Calibration Certificate
☑ Optical Bench Adjustment
☑ Post-Stability Checks
☐ Flow Adjustment
☐ Form 40
☑ Other: Calculation Form

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**

Wen-Chi Pierson Digitally signed by Wen-Chi Pierson Date: 2026.08.06 15:37:50 -04'00'

Kaitlyn Spearin Digitally signed by Kaitlyn Spearin Date: 2026.08.07 06:19:21 -04'00'

Tech Review **Admin Review**

Stability Checks

80-00 7366

0.050 g/210L	0.080 g/210L	0.200 g/210L	DGS 0.080 g/210L
0.047 to 0.053 g/210L ✓	*0.077 to 0.083 g/210L* ✓	*0.194 to 0.206 g/210L* ✓	*0.077 to 0.083 g/210L* ✓ *≤0.003 g/210L of Wet* ✓

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007366
07/30/2026
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:47
Control Test	0.049	12:47
Air Blank	0.000	12:48
Control Test	0.049	12:48
Air Blank	0.000	12:49
Control Test	0.049	12:50
Air Blank	0.000	12:50

Control Test Stats

Average	0.0490
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007366
07/30/2026
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:13
Control Test	0.078	11:14
Air Blank	0.000	11:14
Control Test	0.079	11:15
Air Blank	0.000	11:16
Control Test	0.078	11:16
Air Blank	0.000	11:17

Control Test Stats

Average	0.0783 ✗
Std Dev	0.0006
Rel Std Dev(%)	0.7370

Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007366
07/30/2026
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:19
Control Test	0.200	11:19
Air Blank	0.000	11:20
Control Test	0.199	11:21
Air Blank	0.000	11:21
Control Test	0.200	11:22
Air Blank	0.000	11:22

Control Test Stats

Average	0.1997
Std Dev	0.0006
Rel Std Dev(%)	0.2892

Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007366
07/30/2026
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:28
Control Test	0.082	11:28
Air Blank	0.000	11:29
Control Test	0.081	11:29
Air Blank	0.000	11:29
Control Test	0.082	11:30
Air Blank	0.000	11:30

Control Test Stats

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

Operator's Signature

will need optical bench adjustment

Verified instrument was able to read gas pressure. ☑

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007366
08/03/2026 08:55:40 SWT

Auto Calibration

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1

	<<<<< 3um >>>>>		<<<<< 9um >>>>>	
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.0710	(0.0000)	0.1410	(-0.0160)
Sample #2	0.0720	(-0.0170)	0.1330	(-0.0150)
Sample #3	0.0910	(-0.0120)	0.1110	(0.0040)
Sample #4	0.0710	(0.0000)	0.1250	(0.0000)
Avg % Abs	0.0780	(-0.0097)	0.1230	(-0.0037)
STD DEV	0.0113	(0.0087)	0.0111	(0.0100)
REL STD DEV	14.448	(90.382)	9.053	(273.181)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7810	(-0.0020)	1.4340	(0.0140)
Sample #2	0.7780	(0.0170)	1.4370	(0.0210)
Sample #3	0.7510	(0.0390)	1.4220	(0.0220)
Sample #4	0.7640	(0.0420)	1.4560	(0.0220)
Avg % Abs	0.7643	(0.0327)	1.4383	(0.0217)
STD DEV	0.0135	(0.0137)	0.0170	(0.0006)
REL STD DEV	1.767	(41.787)	1.185	(2.665)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.7780	(0.0000)	3.3470	(0.0120)
Sample #2	1.7810	(0.0000)	3.3480	(0.0110)
Sample #3	1.7760	(0.0150)	3.3370	(0.0250)
Sample #4	1.7790	(0.0150)	3.3330	(0.0220)
Avg % Abs	1.7787	(0.0100)	3.3393	(0.0193)
STD DEV	0.0025	(0.0087)	0.0078	(0.0074)
REL STD DEV	0.141	(86.603)	0.233	(38.126)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.4270	(-0.0080)	6.4310	(-0.0010)
Sample #2	3.4490	(-0.0220)	6.4040	(0.0210)
Sample #3	3.4370	(-0.0020)	6.4130	(0.0120)
Sample #4	3.4540	(-0.0030)	6.4310	(0.0110)
Avg % Abs	3.4467	(-0.0090)	6.4160	(0.0147)
STD DEV	0.0087	(0.0113)	0.0137	(0.0055)
REL STD DEV	0.253	(125.216)	0.214	(37.552)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.0420	(-0.0070)	9.3120	(-0.0110)
Sample #2	5.0090	(0.0160)	9.2770	(0.0370)
Sample #3	5.0430	(0.0220)	9.2840	(0.0370)
Sample #4	5.0220	(0.0350)	9.2950	(0.0410)
Avg % Abs	5.0247	(0.0243)	9.2853	(0.0383)
STD DEV	0.0172	(0.0097)	0.0091	(0.0023)
REL STD DEV	0.341	(39.915)	0.098	(6.025)

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007366
08/03/2026 08:55:40

Auto Calibration

	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Zero Order Coef	-199.08	-168.63
First Order Coef	2717.84	1421.45
Second Order Coef	32.39	14.46

Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003	0.000	0.000	-0.0001
0.040	0.040	0.0002	0.040	0.040	-0.0000
0.100	0.099	0.0005	0.100	0.100	0.0005
0.200	0.201	-0.0006	0.200	0.200	-0.0005
0.300	0.300	0.0002	0.300	0.300	0.0002

<<<<< 3um >>>>> <<<<< 9um >>>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1

Sample		
Sample #1	3539.00	3290.00
Sample #2	3543.00	3254.00
Sample #3	3539.00	3262.00
Sample #4	3529.00	3238.00
Avg	3537.0000	3251.3333
STD DEV	7.2111	12.2202
REL STD DEV	0.204	0.376
H2O adjust (mg/l*10k)	272	558

Barometric Pressure = 1009

**********CALIBRATION SUCCESSFUL********** SWS

Post Optical Bench Adjustment Stability Checks 80-007366

* 0.050 g/210L *0.047 to 0.053 g/210L* ✓	0.080 g/210L *0.077 to 0.083 g/210L* ✓	* 0.200 g/210L *0.194 to 0.206 g/210L* ✓	DGS 0.080 g/210L ✓ *0.077 to 0.083 g/210L* ☐ *≤0.003 g/210L of Wet* ☐
ST JOHNS COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007366 08/04/2026 Software: 8100.27 Test g/210L Time Air Blank 0.000 12:46 Control Test 0.050 12:47 Air Blank 0.000 12:47 Control Test 0.049 12:48 Air Blank 0.000 12:48 Control Test 0.050 12:49 Air Blank 0.000 12:50 Control Test Stats Average 0.0497 Std Dev 0.0006 Rel Std Dev(%) 1.1625 Operator's Signature	ST JOHNS COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007366 08/03/2026 Software: 8100.27 Test g/210L Time Air Blank 0.000 13:06 Control Test 0.079 13:07 Air Blank 0.000 13:08 Control Test 0.079 13:08 Air Blank 0.000 13:09 Control Test 0.079 13:09 Air Blank 0.000 13:10 Control Test Stats Average 0.0790 Std Dev 0.0000 Rel Std Dev(%) 0.0000 Operator's Signature	ST JOHNS COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007366 08/04/2026 Software: 8100.27 Test g/210L Time Air Blank 0.000 13:55 Control Test 0.197 13:56 Air Blank 0.000 13:56 Control Test 0.196 13:57 Air Blank 0.000 13:57 Control Test 0.196 13:58 Air Blank 0.000 13:59 Control Test Stats Average 0.1963 Std Dev 0.0006 Rel Std Dev(%) 0.2941 Operator's Signature	see next page

* performed 8/4/2026 SWT

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007366
08/03/2026
Software: 8100.27

DgS

Test	g/210L	Time
Air Blank	0.000	13:02
Control Test	0.081	13:02
Air Blank	0.000	13:03
Control Test	0.081	13:03
Air Blank	0.000	13:03
Control Test	0.081	13:04
Air Blank	0.000	13:04
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST JOHNS COUNTY SO
Time of Inspection: 16:10
Date of Inspection: 08/04/2026
Serial Number: 80-007366
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#:202603A Exp: 03/03/2028	0.08g/210L Test (g/210L) Lot#:202603B Exp: 03/03/2028	0.20g/210L Test (g/210L) Lot#:202603D Exp: 03/04/2028	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:23825080A1 Exp: 10/05/2027
0.000	0.049	0.079	0.197	0.081
0.000	0.050	0.078	0.197	0.081
0.000	0.049	0.079	0.197	0.080
0.000	0.050	0.078	0.197	0.081
0.000	0.049	0.079	0.197	0.081
0.000	0.050	0.079	0.197	0.081
0.000	0.049	0.079	0.197	0.080
0.000	0.049	0.079	0.197	0.080
0.000	0.050	0.079	0.197	0.081
0.000	0.049	0.079	0.197	0.081

Standard Deviations	0.0005	0.0004	0.0000	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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.

LEANDRA HIGGINBOTHAM
Signature and Printed Name

08/04/2026
Date

FDLE/ATP Form 41 –Revised August 2005

Florida Department of Law Enforcement
Alcohol Testing Program - Average Calculations for Calibration Certificate

Calculations By: SLH

Serial Number: 80-007366 Date: 8/4/2026

Solution:

0.05 g/210 L Test:	**0.494** (SUM)	/ 10 =	**0.049** (AVERAGE)	g/210L
0.08 g/210L Test:	**0.788** (SUM)	/ 10 =	**0.079** (AVERAGE)	g/210L
0.20 g/210L Test:	**1.970** (SUM)	/ 10 =	**0.197** (AVERAGE)	g/210L
0.08 g/210L Dry Gas Std Test:	**0.807** (SUM)	/ 10 =	**0.081** (AVERAGE)	g/210L

Comments:

Average = (Sum of observations) / (Total number of observations)
All results are reported in g/210L

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007366 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

		Average of y	± Uncertainty*
Serial Number:	80-007366		
Owning Agency:	ST JOHNS COUNTY SO	0.049 g/ 210 L	0.004
Calibration Date:	08/04/2026	0.079 g/ 210 L	0.004
Calibration Time:	16:10	0.197 g/ 210 L	0.008
		0.081 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.

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

08/04/2026
Date

LeAndra Higginbotham
Digitally signed by LeAndra Higginbotham
Date: 2026.08.05 14:42:50 -04'00'

LEANDRA HIGGINBOTHAM,
Department Inspector