



Agency St. Johns County Sheriff's Office

S/N 80-007515

Date In 01/16/2025 DI Completion Date 02/06/2025

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By DA

Barometric Pressure Gauge 1016 ID # 28427

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service:

Department Inspection

By DA

Barometric Pressure ID# 30793Gauge 1019 Instrument 1017Mouth Alcohol Solution Lot # 2024-AAcetone Stock Solution Lot # 2024-B

Attachments

- | | |
|--|---|
| ☒ Form 41
☒ Stability Checks
☒ Calibration Certificate
☒ Calibration Adjustment | ☒ Post-Stability Checks
☐ Flow Calibration
☒ Form 40
☐ Other _____ |
|--|---|

- ☒ 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

Taylor
Gutschow

Digitally signed by Taylor Gutschow
Date: 2025.02.07 15:39:25 -05'00'

Tech Review / Date

Shayla
Platt

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ST JOHNS COUNTY SO

Serial Number: 80-007515

Time of Inspection: 08:47

Date of Inspection: 02/04/2025

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:

BYPASS AI TO OPERATE INSTRUMENT COMPLIANCE NOT DETERMINED

N/A 2/4/25 DA

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.



DESTINEE N ARMSTRONG

Signature and Printed Name

02/04/2025

Date

Stability Checks 80-007515 DA 2/4/25

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/04/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:38
Control Test	0.046	09:39
Air Blank	0.000	09:39
Control Test	0.047	09:40
Air Blank	0.000	09:40
Control Test	0.048	09:41
Air Blank	0.000	09:42
Control Test Stats		
Average	0.0470	
Std Dev	0.0010	
Rel Std Dev(%)	2.1277	

Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/04/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:54
Control Test	0.077	09:55
Air Blank	0.000	09:55
Control Test	0.078	09:56
Air Blank	0.000	09:56
Control Test	0.078	09:57
Air Blank	0.000	09:57
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

Wet

Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/04/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:00
Control Test	0.199	09:01
Air Blank	0.000	09:02
Control Test	0.199	09:02
Air Blank	0.000	09:03
Control Test	0.199	09:04
Air Blank	0.000	09:04
Control Test Stats		
Average	0.1990	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/04/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:56
Control Test	0.078	08:56
Air Blank	0.000	08:57
Control Test	0.078	08:57
Air Blank	0.000	08:57
Control Test	0.077	08:58
Air Blank	0.000	08:58
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

DGS

Operator's Signature

Optical Bench Calibration Adjustment DA 2/15/25

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/05/2025 13:18:08

Auto Calibration
Max Power Res Value = 50
Auto Range Res Value = 32

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12619, 9um Io = 13006

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.0330 (-0.0080)
Sample #2 = 0.0680 (0.0030)
Sample #3 = 0.0230 (0.0480)
Sample #4 = 0.0650 (0.0380)
Avg % Abs = 0.0520 (0.0297)
STD DEV = 0.0252 (0.0236)
REL STD DEV = 48.384 (79.649)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.1010 (-0.0050)
Sample #2 = 0.0900 (-0.0060)
Sample #3 = 0.0840 (0.0000)
Sample #4 = 0.0970 (-0.0130)
Avg % Abs = 0.0903 (-0.0063)
STD DEV = 0.0065 (0.0065)
REL STD DEV = 7.203 (102.733)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12609, 9um Io = 13006

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.8210 (-0.0080)
Sample #2 = 0.8230 (0.0140)
Sample #3 = 0.7660 (0.0580)
Sample #4 = 0.8100 (0.0380)
Avg % Abs = 0.7997 (0.0367)
STD DEV = 0.0299 (0.0220)
REL STD DEV = 3.736 (60.083)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 1.5550 (-0.0250)
Sample #2 = 1.5310 (-0.0120)
Sample #3 = 1.5230 (-0.0170)
Sample #4 = 1.5520 (-0.0360)
Avg % Abs = 1.5353 (-0.0217)
STD DEV = 0.0150 (0.0127)
REL STD DEV = 0.976 (58.441)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12604, 9um Io = 13007

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 1.8820 (-0.0100)
Sample #2 = 1.8650 (0.0070)
Sample #3 = 1.8470 (0.0090)
Sample #4 = 1.8680 (0.0140)
Avg % Abs = 1.8600 (0.0100)
STD DEV = 0.0114 (0.0036)
REL STD DEV = 0.611 (36.056)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 3.6270 (0.0010)
Sample #2 = 3.6100 (0.0110)
Sample #3 = 3.6110 (0.0070)
Sample #4 = 3.6180 (0.0150)
Avg % Abs = 3.6130 (0.0110)
STD DEV = 0.0044 (0.0040)
REL STD DEV = 0.121 (36.364)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12602, 9um Io = 13005

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 3.6730 (-0.0210)
Sample #2 = 3.6300 (0.0120)
Sample #3 = 3.6660 (0.0080)
Sample #4 = 3.6230 (0.0270)
Avg % Abs = 3.6397 (0.0157)
STD DEV = 0.0231 (0.0100)
REL STD DEV = 0.634 (63.936)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 7.0060 (-0.0090)
Sample #2 = 6.9710 (0.0180)
Sample #3 = 6.9720 (0.0170)
Sample #4 = 6.9580 (0.0230)
Avg % Abs = 6.9670 (0.0193)
STD DEV = 0.0078 (0.0032)
REL STD DEV = 0.112 (16.627)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12597, 9um Io = 13002

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 5.3970 (-0.0020)
Sample #2 = 5.3860 (-0.0040)
Sample #3 = 5.4090 (0.0040)
Sample #4 = 5.4030 (0.0100)
Avg % Abs = 5.3993 (0.0033)
STD DEV = 0.0119 (0.0070)
REL STD DEV = 0.221 (210.713)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 10.2080 (-0.0180)
Sample #2 = 10.1640 (0.0080)
Sample #3 = 10.1900 (0.0080)
Sample #4 = 10.1890 (-0.0040)
Avg % Abs = 10.1810 (0.0040)
STD DEV = 0.0147 (0.0069)
REL STD DEV = 0.145 (173.205)

Auto Cal Data Channel 1:
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.052
Std Dev = 0.03 Rel Std Dev = 48.38
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.800
Std Dev = 0.03 Rel Std Dev = 3.74
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.860
Std Dev = 0.01 Rel Std Dev = 0.61
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.640
Std Dev = 0.02 Rel Std Dev = 0.63
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.399
Std Dev = 0.01 Rel Std Dev = 0.22
Zero Order Coef = -158.54
First Order Coef = 2619.79
Second Order Coef = 10.42
Standard Deviation = 23.475536

Channel 2 Data:
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.090
Std Dev = 0.01 Rel Std Dev = 7.20
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.535
Std Dev = 0.01 Rel Std Dev = 0.98
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.613
Std Dev = 0.00 Rel Std Dev = 0.12
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.967
Std Dev = 0.01 Rel Std Dev = 0.11
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.181
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -126.95
First Order Coef = 1317.10
Second Order Coef = 9.69
Standard Deviation = 8.232988

Solution Stats Quadratic Fit Chan 1:
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0005
0.040 0.041 -0.0008
0.100 0.100 0.0002
0.200 0.200 0.0002
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 0.0002
0.040 0.040 -0.0003
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 Data:
Sample #1 = 3375.00
Sample #2 = 3480.00
Sample #3 = 3381.00
Sample #4 = 3366.00
Average Result = 3409.0000
STD DEV = 61.9435
REL STD DEV = 1.817

Channel 2 Data:
Sample #1 = 3478.00
Sample #2 = 3488.00
Sample #3 = 3510.00
Sample #4 = 3492.00
Average Result = 3496.6667
STD DEV = 11.7189
REL STD DEV = 0.335

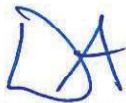
Dry Gas H2O Adjust Results:
Barometric Pressure = 1015
3 um H2O Adjust (mg/l x 10,000) = 400
9 um H2O Adjust (mg/l x 10,000) = 313

Auto Cal Pass

Post-Stability Checks 80-007515 DA 2/5/25

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:15
Control Test	0.049	14:16
Air Blank	0.000	14:17
Control Test	0.049	14:17
Air Blank	0.000	14:18
Control Test	0.049	14:18
Air Blank	0.000	14:19
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 80-007515
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:06
Control Test	0.079	14:06
Air Blank	0.000	14:07
Control Test	0.080	14:08
Air Blank	0.000	14:08
Control Test	0.079	14:09
Air Blank	0.000	14:09
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Wet



Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:01
Control Test	0.199	14:02
Air Blank	0.000	14:02
Control Test	0.198	14:03
Air Blank	0.000	14:04
Control Test	0.199	14:04
Air Blank	0.000	14:05
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	



Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007515
02/05/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.079	14:12
Air Blank	0.000	14:13
Control Test	0.078	14:13
Air Blank	0.000	14:13
Control Test	0.079	14:14
Air Blank	0.000	14:14
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS

Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST JOHNS COUNTY SO
Time of Inspection: 10:34

Date of Inspection: 02/06/2025

Serial Number: 80-007515
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#:202406K Exp: 06/19/2026	0.08g/210L Test (g/210L) Lot#:202406L Exp: 06/19/2026	0.20g/210L Test (g/210L) Lot#:202406N Exp: 06/20/2026	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG429602 Exp: 10/22/2026
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.079

Standard Deviations	0.0004	0.0004	0.0004	0.0003
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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 (☒) 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.



DESTINEE N ARMSTRONG

Signature and Printed Name

02/06/2025
Date



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 80-007515 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007515</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>ST. JOHNS COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>02/06/2025</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>10:34</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 ± 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.

Destinee
Armstrong
Digitally signed by Destinee
Armstrong
Date: 2025.02.06 13:48:55
+05'00'

02/06/2025

Date

DESTINEE N ARMSTRONG,
Department Inspector

FDLE/ATP Form 69 October 2024

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality