



Agency St. Johns County Sheriff's Office

S/N 80-007363

Date In 11/1/2023 DI Completion Date 11/1/2023

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

### Calibration Adjustment

By\_

Barometric Pressure Gauge \_\_\_\_\_ ID # \_\_\_\_\_

☐ Post Calibration Adjustment Stability ChecksNotes/Suggested Service:

## Department Inspection

By BSBarometric Pressure ID# 28427

|            |                 |
|------------|-----------------|
| Gauge 1018 | Instrument 1018 |
|------------|-----------------|

Mouth Alcohol Solution Lot # 2022-A

Acetone Stock Solution Lot # 2023-B

## Attachments

- |                                                                                                                                                                                                                       |                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Form 41<br><input checked="" type="checkbox"/> Stability Checks<br><input checked="" type="checkbox"/> Calibration Certificate<br><input type="checkbox"/> Calibration Adjustment | <input type="checkbox"/> Post-Stability Checks<br><input checked="" type="checkbox"/> Flow Calibration<br><input type="checkbox"/> Form 40<br><input type="checkbox"/> 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

Israel Soto Digitally signed by Israel Soto  
Date: 2023.11.01 15:42:24

Tech Review / Date

Phil Nicodemo Digitally signed by Phil Nicodemo  
Date: 2023.11.01 15:51:26 -04'00'

Admin Review / Date

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST JOHNS SO

Time of Inspection: 14:34

Date of Inspection: 11/01/2023

Serial Number: 80-007363

Software: 8100.27

| Check or Test                                  | YES | NO | Check or Test                             | YES | NO |
|------------------------------------------------|-----|----|-------------------------------------------|-----|----|
| Diagnostic Check<br>(Pre-Inspection): OK       | Yes |    | Date and/or Time Adjusted                 |     | No |
| Minimum Sample Volume<br>Check: OK             | Yes |    | Barometric Pressure Sensor<br>Check: OK   | Yes |    |
| Alcohol Free Subject<br>Test: 0.000            | Yes |    | Mouth Alcohol Test:<br>Slope Not Met      | Yes |    |
| Interferent Detect Test:<br>Interferent Detect | Yes |    | Diagnostic Check<br>(Post-Inspection): OK | Yes |    |

| Alcohol Free<br>Test<br>(g/210L) | 0.05g/210L Test<br>(g/210L)<br>Lot#:202303K<br>Exp: 03/29/2025 | 0.08g/210L Test<br>(g/210L)<br>Lot#:202303L<br>Exp: 03/29/2025 | 0.20g/210L Test<br>(g/210L)<br>Lot#:202304C<br>Exp: 04/05/2025 | 0.08 g/210L<br>Dry Gas Std Test<br>(g/210L)<br>Lot#:AG325603<br>Exp: 09/13/2025 |
|----------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------|
| 0.000                            | 0.051                                                          | 0.081                                                          | 0.199                                                          | 0.080                                                                           |
| 0.000                            | 0.052                                                          | 0.081                                                          | 0.199                                                          | 0.080                                                                           |
| 0.000                            | 0.051                                                          | 0.081                                                          | 0.199                                                          | 0.079                                                                           |
| 0.000                            | 0.052                                                          | 0.081                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.052                                                          | 0.082                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.051                                                          | 0.081                                                          | 0.199                                                          | 0.079                                                                           |
| 0.000                            | 0.052                                                          | 0.082                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.052                                                          | 0.082                                                          | 0.200                                                          | 0.079                                                                           |
| 0.000                            | 0.051                                                          | 0.081                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.052                                                          | 0.081                                                          | 0.199                                                          | 0.079                                                                           |

|                     |        |        |        |        |
|---------------------|--------|--------|--------|--------|
| Standard Deviations | 0.0005 | 0.0004 | 0.0005 | 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 ( ☒ ) 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.

*Benjamin W Siddoway*

BENJAMIN W SIDDOWAY  
Signature and Printed Name

11/01/2023  
Date

ST JOHNS SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007363  
11/01/2023  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*

1: Rate (Liters/min) = 5

SQRT(Diff) ) = 6.164

2: Rate (Liters/min) = 15

SQRT(Diff) ) = 11.043

3: Rate (Liters/min) = 30

SQRT(Diff) ) = 20.270

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 685

Rounded Intercept = -523537

Correlation = 0.99813

*Benjamin Sibbey*

# Stability Checks

ST JOHNS SO

Intoxilyzer - Alcohol Analyzer

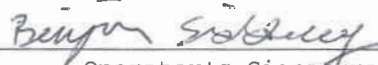
Model 8000

SN 80-007363

11/01/2023

Software: 8100.27

| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 12:21 |
| Control Test       | 0.052  | 12:22 |
| Air Blank          | 0.000  | 12:22 |
| Control Test       | 0.051  | 12:23 |
| Air Blank          | 0.000  | 12:24 |
| Control Test       | 0.051  | 12:24 |
| Air Blank          | 0.000  | 12:25 |
| Control Test Stats |        |       |
| Average            | 0.0513 |       |
| Std Dev            | 0.0006 |       |
| Rel Std Dev(%)     | 1.1247 |       |

  
Operator's Signature

# Stability Checks

ST JOHNS SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007363  
11/01/2023  
Software: 8100.27

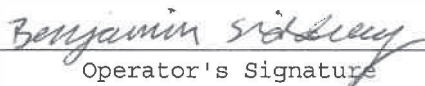
| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 12:36 |
| Control Test       | 0.081  | 12:37 |
| Air Blank          | 0.000  | 12:37 |
| Control Test       | 0.081  | 12:38 |
| Air Blank          | 0.000  | 12:38 |
| Control Test       | 0.081  | 12:39 |
| Air Blank          | 0.000  | 12:40 |
| Control Test Stats |        |       |
| Average            | 0.0810 |       |
| Std Dev            | 0.0000 |       |
| Rel Std Dev(%)     | 0.0000 |       |

  
Operator's Signature

# Stability Checks

ST JOHNS SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007363  
11/01/2023  
Software: 8100.27

| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 12:50 |
| Control Test       | 0.200  | 12:50 |
| Air Blank          | 0.000  | 12:51 |
| Control Test       | 0.199  | 12:52 |
| Air Blank          | 0.000  | 12:52 |
| Control Test       | 0.198  | 12:53 |
| Air Blank          | 0.000  | 12:53 |
| Control Test Stats |        |       |
| Average            | 0.1990 |       |
| Std Dev            | 0.0010 |       |
| Rel Std Dev(%)     | 0.5025 |       |

  
Operator's Signature

# Stability Checks

ST JOHNS SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007363  
11/01/2023  
Software: 8100.27

| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 12:43 |
| Control Test       | 0.080  | 12:43 |
| Air Blank          | 0.000  | 12:44 |
| Control Test       | 0.080  | 12:44 |
| Air Blank          | 0.000  | 12:44 |
| Control Test       | 0.081  | 12:45 |
| Air Blank          | 0.000  | 12:45 |
| Control Test Stats |        |       |
| Average            | 0.0803 |       |
| Std Dev            | 0.0006 |       |
| Rel Std Dev(%)     | 0.7187 |       |

DGS

  
Operator's Signature



# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
2331 Phillips Road.  
Suite B1032  
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007363, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

|                   |                    |                                |       |
|-------------------|--------------------|--------------------------------|-------|
| Serial Number:    | <u>80-007363</u>   | UNCERTAINTY* $\pm$             |       |
| Owning Agency:    | <u>ST JOHNS SO</u> | 0.050 g/ 210 L                 | 0.004 |
| Calibration Date: | <u>11/01/2023</u>  | 0.080 g/ 210 L                 | 0.004 |
| Calibration Time: | <u>14:34</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  $\pm 0.005$  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.

**Benjamin Siddoway**  
Digitally signed by Benjamin Siddoway  
Date: 2023.11.01 15:19:34 -04'00'

Date  
**11/01/2023**  
**BENJAMIN W SIDDOWAY,**  
**Department Inspector**

FDLE/ATP Form 69 March 2022  
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality