



Agency FL Highway Patrol

S/N 80-000784

Date In 01-05-2024 DI Completion Date 1/30/2024

☒ Ship ☐ P/U ☐ H/D ☒ CMI ☐ EE

## Calibration Adjustment

By \_\_\_\_\_

| 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      |       |            |

Notes/Suggested Service:

Performed Flow Calibration Adjustment on 1/30/2024  
and post calibration values were not nominal. Repeated  
using the same flow columns, and obtained values  
outside acceptable range. Sending to repair (PN)

## Department Inspection

By PNGauge 1020 Instrument 1016Mouth Alcohol Solution Lot # 2023-A

Acetone Stock Solution Lot # 2023-B

| Simulator   | Serial Number |
|-------------|---------------|
| 0.000       | MP6289        |
| Interferent | MP6290        |
| 0.050       | MP6291        |
| 0.080       | MP6292        |
| 0.200       | MP6293        |

## 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 X 2<br><input type="checkbox"/> Form 40<br><input checked="" type="checkbox"/> Other Form 51 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**■ 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**

Shayla Digitally signed by Shayla

Benjamin  
Siddoway

Digitally signed by Benjamin  
Siddoway  
Date: 2024.01.31 14:14:05

Shayla  
Platt

Digitally signed by Shayla Platt  
Date: 2024.01.31

Slidoway -05'00' Platt Date: 202.10.15.15 15.10.42 -05'00'

Tech Review / Date Admin Review / Date

Stability checks 80-000784

1/11/24

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000784  
01/11/2024  
Software: 8100.27

| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 16:05 |
| Control Test       | 0.050  | 16:06 |
| Air Blank          | 0.000  | 16:06 |
| Control Test       | 0.049  | 16:07 |
| Air Blank          | 0.000  | 16:08 |
| Control Test       | 0.050  | 16:08 |
| Air Blank          | 0.000  | 16:09 |
| Control Test Stats |        |       |
| Average            | 0.0497 |       |
| Std Dev            | 0.0006 |       |
| Rel Std Dev(%)     | 1.1625 |       |

Operator's Signature

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000784  
01/11/2024  
Software: 8100.27

| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 16:10 |
| Control Test       | 0.080  | 16:11 |
| Air Blank          | 0.000  | 16:11 |
| Control Test       | 0.080  | 16:12 |
| Air Blank          | 0.000  | 16:12 |
| Control Test       | 0.078  | 16:13 |
| Air Blank          | 0.000  | 16:14 |
| Control Test Stats |        |       |
| Average            | 0.0793 |       |
| Std Dev            | 0.0012 |       |
| Rel Std Dev(%)     | 1.4555 |       |

Operator's Signature

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000784  
01/11/2024  
Software: 8100.27

| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 16:15 |
| Control Test       | 0.198  | 16:15 |
| Air Blank          | 0.000  | 16:16 |
| Control Test       | 0.197  | 16:17 |
| Air Blank          | 0.000  | 16:17 |
| Control Test       | 0.197  | 16:18 |
| Air Blank          | 0.000  | 16:18 |
| Control Test Stats |        |       |
| Average            | 0.1973 |       |
| Std Dev            | 0.0006 |       |
| Rel Std Dev(%)     | 0.2926 |       |

Operator's Signature

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000784  
01/11/2024  
Software: 8100.27

| Test               | g/210L | Time  |
|--------------------|--------|-------|
| Air Blank          | 0.000  | 16:19 |
| Control Test       | 0.081  | 16:19 |
| Air Blank          | 0.000  | 16:20 |
| Control Test       | 0.081  | 16:20 |
| Air Blank          | 0.000  | 16:21 |
| Control Test       | 0.081  | 16:21 |
| Air Blank          | 0.000  | 16:22 |
| Control Test Stats |        |       |
| Average            | 0.0810 |       |
| Std Dev            | 0.0000 |       |
| Rel Std Dev(%)     | 0.0000 |       |

Operator's Signature

# Flow CALIBRATION ADJUSTMENTS

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000784  
01/30/2024  
Software: 8100.27

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

- 1: Rate (Liters/min) = 5  
SQRT(Diff) ) = 7.613
- 2: Rate (Liters/min) = 15  
SQRT(Diff) ) = 11.957
- 3: Rate (Liters/min) = 30  
SQRT(Diff) ) = 20.637

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 739

Rounded Intercept = -869466

Correlation = 0.99719

#1

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000794  
01/30/2024  
Software: 8100.27

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

- 1: Rate (Liters/min) = 5  
SQRT(Diff) ) = 7.680
- 2: Rate (Liters/min) = 15  
SQRT(Diff) ) = 11.914
- 3: Rate (Liters/min) = 30  
SQRT(Diff) ) = 20.781

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 732

Rounded Intercept = -856774

Correlation = 0.99627

#2

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL  
Time of Inspection: 11:22

Date of Inspection: 01/30/2024

Serial Number: 80-000784  
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#:AG310901<br>Exp: 04/19/2025 |
|----------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------|
| 0.000                            | 0.050                                                          | 0.079                                                          | 0.200                                                          | 0.081                                                                           |
| 0.000                            | 0.051                                                          | 0.080                                                          | 0.200                                                          | 0.081                                                                           |
| 0.000                            | 0.051                                                          | 0.080                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.050                                                          | 0.081                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.050                                                          | 0.080                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.051                                                          | 0.081                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.051                                                          | 0.080                                                          | 0.200                                                          | 0.081                                                                           |
| 0.000                            | 0.051                                                          | 0.081                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.051                                                          | 0.081                                                          | 0.200                                                          | 0.080                                                                           |
| 0.000                            | 0.051                                                          | 0.080                                                          | 0.200                                                          | 0.080                                                                           |

|                     |        |        |        |        |
|---------------------|--------|--------|--------|--------|
| Standard Deviations | 0.0004 | 0.0006 | 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 ( ☒ ) 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.



PHIL NICODEMO

Signature and Printed Name

01/30/2024  
Date



**ANAB**

ANSI National Accreditation Board  
ACCREDITED  
ISO/IEC 17025  
FORENSIC CALIBRATION  
LABORATORY

# 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 80-000784, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

|                   |                          |                                |       |
|-------------------|--------------------------|--------------------------------|-------|
| Serial Number:    | <u>80-000784</u>         | UNCERTAINTY* $\pm$             |       |
| Owning Agency:    | <u>FL HIGHWAY PATROL</u> | 0.050 g/ 210 L                 | 0.004 |
| Calibration Date: | <u>01/30/2024</u>        | 0.080 g/ 210 L                 | 0.004 |
| Calibration Time: | <u>11:22</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.

01/30/2024

Date

PHIL NICODEMO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

## **Return Material Authorization**

**Ship to:**    ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Sue Barge on 1/31/2024

**Items Returned:**    Instrument ☒    Supplies ☐    Other ☐ Describe: \_\_\_\_\_

Instrument Model: I-8000    Serial Number: 80-000784

**Bill To Address:**

Florida Highway Safety and Motor Vehicles

**Ship to Address:**

FDLE Off-Site Mail Facility

Florida Department of Law Enforcement

Alcohol Testing Program

813 B Lake Bradford Road

Tallahassee, FL 32304

**Reason for Return:**

After two attempts, unable to calibrate adjust the flow values to be within nominal range.

PN 1/31/2024

**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: Sue Barge

Phone #: 352-620-4701

Email: SusanBarge@flhsmv.gov

ATP Contact Name: Phil Nicodemo

ATP Email: philipnicodemo@fdle.state.fl.us