



Agency St. Petersburg PD

S/N 80-001078

Date In 06/11/2024 DI Completion Date 6/26/2024

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By SP

Barometric Pressure Gauge	1009	ID # 28427
---------------------------	------	------------

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: Tech Review: added date and initials to strikethrough on
quality checks 07/01/2024

ALL

Tech Review: Corrected month that flow calibration adjustment was performed from '4' to '6'. PN 7/12/2024

Department Inspection

By SP

Barometric Pressure ID# 28662

Gauge	1010	Instrument	1008
-------	------	------------	------

Mouth Alcohol Solution Lot # 2024-A

Acetone Stock Solution Lot # 2023-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: 2024.07.12 10:48:10
-04'00'

Phil Nicodemo

Digitally signed by Phil
Nicodemo
Date: 2024.07.12 13:01:23 -0400

Tech Review / Date

Admin Review / Date

Stability checks 80-001078 06/11/24

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/11/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:06
Control Test	0.053	14:07
Air Blank	0.000	14:07
Control Test	0.051	14:08
Air Blank	0.000	14:08
Control Test	0.051	14:09
Air Blank	0.000	14:10
Control Test Stats		
Average	0.0517	
Std Dev	0.0012	
Rel Std Dev(%)	2.2349	

AZ

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/11/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.079	14:13
Air Blank	0.000	14:13
Control Test	0.077	14:14
Air Blank	0.000	14:15
Control Test	0.077	14:15
Air Blank	0.000	14:16
Control Test Stats		
Average	0.0777	
Std Dev	0.0012	
Rel Std Dev(%)	1.4867	

Det 06/11/24
w/ AZ
Added 07/01/24
AZ

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/11/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:17
Control Test	0.198	14:17
Air Blank	0.000	14:18
Control Test	0.197	14:19
Air Blank	0.000	14:19
Control Test	0.197	14:20
Air Blank	0.000	14:20
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

AZ

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/11/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:24
Control Test	0.082	14:25
Air Blank	0.000	14:25
Control Test	0.080	14:26
Air Blank	0.000	14:26
Control Test	0.082	14:26
Air Blank	0.000	14:27
Control Test Stats		
Average	0.0813	
Std Dev	0.0012	
Rel Std Dev(%)	1.4197	

065

AZ

Operator's Signature

FLOW CALIBRATION ADJUSTMENT

PN

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/21/2024
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 7.141

2: Rate (Liters/min) = 15

SQRT(Diff)) = 12.164

3: Rate (Liters/min) = 30

SQRT(Diff)) = 21.539

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 671

Rounded Intercept = -673607

Correlation = 0.99833

Post Cal Adjust Stability Checks

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:56
Control Test	0.080	09:56
Air Blank	0.000	09:56
Control Test	0.079	09:57
Air Blank	0.000	09:57
Control Test	0.079	09:58
Air Blank	0.000	09:58
Control Test Stats	0.0793	09:58
Average	0.0006	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

SP

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.199	10:08
Air Blank	0.000	10:10
Control Test	0.198	10:10
Air Blank	0.000	10:11
Control Test	0.198	10:12
Air Blank	0.000	10:12
Control Test Stats	0.1983	
Average	0.0006	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

SP

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:03
Control Test	0.081	10:04
Air Blank	0.000	10:04
Control Test	0.079	10:05
Air Blank	0.000	10:06
Control Test	0.079	10:06
Air Blank	0.000	10:07
Control Test Stats	0.0797	
Average	0.0012	
Std Dev	0.0012	
Rel Std Dev(%)	1.4494	

SP

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001078
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:13
Control Test	0.050	10:14
Air Blank	0.000	10:14
Control Test	0.050	10:15
Air Blank	0.000	10:16
Control Test	0.050	10:16
Air Blank	0.000	10:17
Control Test Stats	0.0500	
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST PETERSBURG PD
Time of Inspection: 12:26

Date of Inspection: 06/26/2024

Serial Number: 80-001078
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG310901 Exp: 04/19/2025
0.000	0.050	0.079	0.199	0.078
0.000	0.051	0.079	0.199	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.200	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078

Standard Deviations	0.0004	0.0004	0.0003	0.0000
---------------------	--------	--------	--------	--------

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.

Shayla Platt

SHAYLA D PLATT

Signature and Printed Name

06/26/2024
Date



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 80-001078, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001078</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ST PETERSBURG PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>06/26/2024</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:26</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.

Digitally signed by
Shayla Platt
Date: 2024.06.29
11:48:17 -04'00'

06/26/2024

Date

SHAYLA D PLATT,

Department Inspector

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

Service • Integrity • Respect • Quality