



Agency Daytona Beach Shores PD

S/N 80-001242

Date In 10/31/2024 DI Completion Date 11/21/2024

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By DA

Barometric Pressure Gauge 1015 ID # 30793

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: Barometric pressure out of nominal range so I performed a calibration adjustment
DA.

Department Inspection

By DA

Barometric Pressure ID# 28662Gauge 1014 Instrument 1015Mouth Alcohol Solution Lot # 2024-AAcetone 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

Phil Nicodemo Digitally signed by Phil Nicodemo
Date: 2024.11.22 09:14:57 -05'00'

Tech Review / Date

Shayla
Platt

Digitally signed by

Shayla Platt

Date: 2024.11.22

~~09:30:00 -05'00'~~

view / Date

Stability checks 80-001242 10/31/2024

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
10/31/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:03
Control Test	0.048	14:04
Air Blank	0.000	14:04
Control Test	0.048	14:05
Air Blank	0.000	14:06
Control Test	0.048	14:06
Air Blank	0.000	14:07
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
10/31/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:10
Control Test	0.078	14:10
Air Blank	0.000	14:11
Control Test	0.078	14:12
Air Blank	0.000	14:12
Control Test	0.078	14:13
Air Blank	0.000	14:14
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
10/31/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:15
Control Test	0.198	14:15
Air Blank	0.000	14:16
Control Test	0.197	14:17
Air Blank	0.000	14:17
Control Test	0.198	14:18
Air Blank	0.000	14:18
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
10/31/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:20
Control Test	0.079	14:20
Air Blank	0.000	14:21
Control Test	0.078	14:21
Air Blank	0.000	14:22
Control Test	0.078	14:22
Air Blank	0.000	14:23
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

Operator's Signature

DAYTONA BEACH SHORES
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001242
 11/21/2024 08:46:19

Auto Calibration

pg 1 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.1010	(-0.0200)	0.1220	(-0.0020)	
Sample #2	0.1120	(0.0200)	0.1510	(0.0060)	
Sample #3	0.1060	(0.0150)	0.1500	(0.0050)	
Sample #4	0.1020	(0.0560)	0.1250	(0.0220)	
Avg % Abs	0.1067	(0.0303)	0.1420	(0.0110)	
STD DEV	0.0050	(0.0224)	0.0147	(0.0095)	
REL STD DEV	4.719	(73.741)	10.374	(86.722)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.8180	(-0.0080)	1.5130	(-0.0100)	
Sample #2	0.8090	(-0.0070)	1.4970	(-0.0090)	
Sample #3	0.8020	(0.0050)	1.5220	(-0.0070)	
Sample #4	0.8120	(0.0240)	1.5270	(-0.0020)	
Avg % Abs	0.8077	(0.0073)	1.5153	(-0.0060)	
STD DEV	0.0051	(0.0156)	0.0161	(0.0036)	
REL STD DEV	0.635	(213.152)	1.061	(60.093)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.8710	(-0.0100)	3.5310	(-0.0240)	
Sample #2	1.8170	(0.0120)	3.5110	(-0.0200)	
Sample #3	1.8480	(-0.0010)	3.5250	(-0.0210)	
Sample #4	1.8470	(0.0060)	3.5090	(-0.0080)	
Avg % Abs	1.8373	(0.0057)	3.5150	(-0.0163)	
STD DEV	0.0176	(0.0065)	0.0087	(0.0072)	
REL STD DEV	0.959	(114.819)	0.248	(44.291)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.5570	(0.0030)	6.7410	(-0.0050)	
Sample #2	3.5370	(0.0420)	6.7460	(0.0130)	
Sample #3	3.5590	(0.0220)	6.7160	(0.0200)	
Sample #4	3.5480	(0.0570)	6.7380	(0.0260)	
Avg % Abs	3.5480	(0.0403)	6.7333	(0.0197)	
STD DEV	0.0110	(0.0176)	0.0155	(0.0065)	
REL STD DEV	0.310	(43.536)	0.231	(33.083)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.2100	(-0.0160)	9.7850	(-0.0160)	
Sample #2	5.2040	(0.0010)	9.7730	(0.0110)	
Sample #3	5.2000	(0.0020)	9.7860	(0.0100)	
Sample #4	5.1830	(0.0380)	9.7530	(0.0310)	
Avg % Abs	5.1957	(0.0137)	9.7707	(0.0173)	
STD DEV	0.0112	(0.0211)	0.0166	(0.0118)	
REL STD DEV	0.215	(154.238)	0.170	(68.344)	

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/21/2024 08:46:19

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -283.78
First Order Coef 2697.90
Second Order Coef 20.21

<<<< 9um >>>>

-189.59
1363.11
12.07

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.040	0.040	-0.0001
0.100	0.100	0.0004
0.200	0.200	-0.0004
0.300	0.300	0.0001

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

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

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1 3260.00 3486.00
Sample #2 3208.00 3424.00
Sample #3 3178.00 3427.00
Sample #4 3183.00 3411.00
Avg 3189.6667 3420.6667
STD DEV 16.0728 8.5049
REL STD DEV 0.504 0.249
H2O adjust (mg/l*10k) 620 389

Barometric Pressure = 1015

*****CALIBRATION SUCCESSFUL*****

Post-Stability Checks 80-001242 11/21/24 DA

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/21/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:38
Control Test	0.051	09:39
Air Blank	0.000	09:39
Control Test	0.050	09:40
Air Blank	0.000	09:40
Control Test	0.050	09:41
Air Blank	0.000	09:42
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	



Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/21/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.080	09:43
Air Blank	0.000	09:44
Control Test	0.080	09:45
Air Blank	0.000	09:45
Control Test	0.080	09:46
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Wet



Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/21/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:49
Control Test	0.201	09:49
Air Blank	0.000	09:50
Control Test	0.199	09:50
Air Blank	0.000	09:51
Control Test	0.200	09:52
Air Blank	0.000	09:52
Control Test Stats		
Average	0.2000	
Std Dev	0.0010	
Rel Std Dev(%)	0.5000	

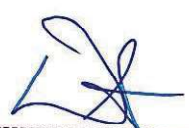


Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/21/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:54
Control Test	0.079	09:54
Air Blank	0.000	09:55
Control Test	0.078	09:55
Air Blank	0.000	09:56
Control Test	0.078	09:56
Air Blank	0.000	09:57
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS



Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: DAYTONA BEACH SHORES
Time of Inspection: 11:45

Date of Inspection: 11/21/2024

Serial Number: 80-001242
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	0.050	0.079	0.201	0.079
0.000	0.049	0.080	0.201	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.050	0.080	0.200	0.078
0.000	0.050	0.079	0.201	0.078

Standard Deviations	0.0003	0.0005	0.0004	0.0004
---------------------	--------	--------	--------	--------

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

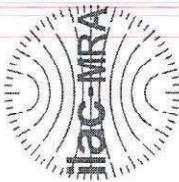
The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

DESTINEE N ARMSTRONG

Signature and Printed Name

11/21/2024
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 80-001242 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001242</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>DAYTONA BEACH SHORES</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>11/21/2024</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>11:45</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.

11/21/2024

Date DESTINEE N ARMSTRONG,
Department Inspector

FDLE/ATP Form 69 October 2024
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality