

Agency Ft. Walton Beach PD

S/N 80-004770

Date In 12/18/2024 DI Completion Date 12/19/2024

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By DA

Barometric Pressure Gauge 1019 ID # 28421

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: Instrument's barometric psi
outside nominal range. DA 12/18/2024

Department Inspection

By DA

Barometric Pressure ID# 28662Gauge 1018 Instrument 1019Mouth 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

Digitally signed by Shayla

Phil Nicodemo

Shayla Platt

Platt
Date: 2024.12.20 10:28:18
-05'00'

Tech Review / Date

Admin Review / Date

Stability Checks

80-004770

12/18/24

DA

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/18/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:01
Control Test	0.048	13:02
Air Blank	0.000	13:02
Control Test	0.048	13:03
Air Blank	0.000	13:04
Control Test	0.048	13:04
Air Blank	0.000	13:05
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

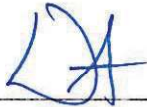


Operator's Signature

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/18/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:07
Control Test	0.078	13:08
Air Blank	0.000	13:08
Control Test	0.077	13:09
Air Blank	0.000	13:10
Control Test	0.078	13:10
Air Blank	0.000	13:11
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

wet



Operator's Signature

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/18/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:12
Control Test	0.197	13:13
Air Blank	0.000	13:13
Control Test	0.196	13:14
Air Blank	0.000	13:15
Control Test	0.196	13:15
Air Blank	0.000	13:16
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

DA

Operator's Signature

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/18/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:17
Control Test	0.079	13:18
Air Blank	0.000	13:18
Control Test	0.079	13:19
Air Blank	0.000	13:19
Control Test	0.079	13:19
Air Blank	0.000	13:20
Control Test Stats		
Average	0.0790	DGS
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DA

Operator's Signature

Optical Bench Calibration Adjustment 80-004770 DA 12/19/24

FORT WALTON BEACH PD

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-004770

12/19/2024

08:18:24

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	0.0760	(0.0020)	0.1390	(-0.0080)
Sample #2	0.0780	(0.0470)	0.1400	(0.0000)
Sample #3	0.0640	(0.0770)	0.1310	(0.0230)
Sample #4	0.0690	(0.0950)	0.1410	(0.0220)
Avg % Abs	0.0703	(0.0730)	0.1373	(0.0150)
STD DEV	0.0071	(0.0242)	0.0055	(0.0130)
REL STD DEV	10.087	(33.217)	4.010	(86.667)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8230	(0.0020)	1.5110	(0.0070)
Sample #2	0.8110	(0.0140)	1.4920	(0.0210)
Sample #3	0.8020	(0.0390)	1.4820	(0.0290)
Sample #4	0.8170	(0.0400)	1.4760	(0.0420)
Avg % Abs	0.8100	(0.0310)	1.4833	(0.0307)
STD DEV	0.0075	(0.0147)	0.0081	(0.0106)
REL STD DEV	0.932	(47.519)	0.545	(34.561)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.9450	(-0.0080)	3.5260	(-0.0100)
Sample #2	1.9210	(0.0220)	3.4540	(0.0470)
Sample #3	1.9180	(0.0330)	3.4610	(0.0490)
Sample #4	1.9020	(0.0460)	3.4430	(0.0670)
Avg % Abs	1.9137	(0.0337)	3.4527	(0.0543)
STD DEV	0.0102	(0.0120)	0.0091	(0.0110)
REL STD DEV	0.534	(35.685)	0.263	(20.273)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.7480	(0.0000)	6.7120	(0.0060)
Sample #2	3.6860	(0.0600)	6.5880	(0.0990)
Sample #3	3.6530	(0.0790)	6.5950	(0.1070)
Sample #4	3.6770	(0.0770)	6.6000	(0.1100)
Avg % Abs	3.6720	(0.0720)	6.5943	(0.1053)
STD DEV	0.0171	(0.0104)	0.0060	(0.0057)
REL STD DEV	0.465	(14.500)	0.091	(5.398)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.4620	(0.0000)	9.7160	(-0.0020)
Sample #2	5.4030	(0.0750)	9.5740	(0.1290)
Sample #3	5.4080	(0.0800)	9.5880	(0.1340)
Sample #4	5.3940	(0.0940)	9.5530	(0.1580)
Avg % Abs	5.4017	(0.0830)	9.5717	(0.1403)
STD DEV	0.0071	(0.0098)	0.0176	(0.0155)
REL STD DEV	0.131	(11.866)	0.184	(11.047)

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/19/2024 08:18:24

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -182.28
First Order Coef 2549.20
Second Order Coef 24.14

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	-0.0005
0.200	0.200	0.0004
0.300	0.300	-0.0001

<<<< 9um >>>>

Zero Order Coef -187.16
First Order Coef 1388.12
Second Order Coef 12.92

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	0.0000
0.200	0.200	-0.0001
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 3382.00 3359.00
Sample #2 3380.00 3413.00
Sample #3 3385.00 3404.00
Sample #4 3358.00 3426.00
Avg 3374.3333 3414.3333
STD DEV 14.3643 11.0604
REL STD DEV 0.426 0.324
H2O adjust (mg/l*10k) 435 395

Barometric Pressure = 1019

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

Post-Stability Checks 80-004770 DA 12/19/24

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/19/2024
Software: 8100.27

Test	g/210L	Time

Air Blank	0.000	09:01
Control Test	0.050	09:02
Air Blank	0.000	09:03
Control Test	0.050	09:03
Air Blank	0.000	09:04
Control Test	0.050	09:05
Air Blank	0.000	09:05
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	



Operator's Signature

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/19/2024
Software: 8100.27

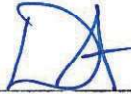
Test	g/210L	Time
Air Blank	0.000	09:07
Control Test	0.081	09:07
Air Blank	0.000	09:08
Control Test	0.080	09:09
Air Blank	0.000	09:09
Control Test	0.081	09:10
Air Blank	0.000	09:11
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Wet

Operator's Signature

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/19/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:12
Control Test	0.202	09:13
Air Blank	0.000	09:13
Control Test	0.201	09:14
Air Blank	0.000	09:15
Control Test	0.200	09:15
Air Blank	0.000	09:16
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	



Operator's Signature

FORT WALTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004770
12/19/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:18
Control Test	0.078	09:18
Air Blank	0.000	09:19
Control Test	0.078	09:19
Air Blank	0.000	09:19
Control Test	0.079	09:20
Air Blank	0.000	09:20
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

DA

Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT WALTON BEACH PD
Time of Inspection: 10:59

Date of Inspection: 12/19/2024

Serial Number: 80-004770
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	0.081	0.202	0.078
0.000	0.050	0.080	0.202	0.078
0.000	0.050	0.081	0.202	0.078
0.000	0.050	0.081	0.202	0.078
0.000	0.050	0.081	0.202	0.078
0.000	0.050	0.081	0.202	0.077
0.000	0.050	0.081	0.203	0.078
0.000	0.050	0.081	0.202	0.077
0.000	0.050	0.081	0.202	0.078

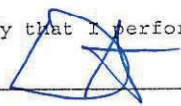
Standard Deviations	0.0000	0.0003	0.0003	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:

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

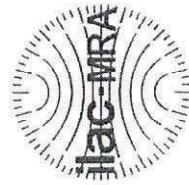
I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



DESTINEE N ARMSTRONG

Signature and Printed Name

12/19/2024
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 80-004770, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-004770</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FORT WALTON BEACH PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>12/19/2024</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>10:59</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.

12/19/2024

Date

DESTINEE N ARMSTRONG,
Department Inspector

FDLE/ATP Form 69 October 2024

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality