



Agency Alachua County Sheriff's Office

S/N 80-000760

Date In 02-23-2023 DI Completion Date 03-03-2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By IS

Barometric Pressure Gauge 1002 ID # 28427

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: 0.050 g/210 and wet 0.080
g/210L Stability Checks outside nominal range.
Optical Bench Calibration Adjustment performed. IS

Department Inspection

By IS

Barometric Pressure ID# 30793

Gauge 1004	Instrument 1003
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Mouth Alcohol Solution Lot # 2022-A

Acetone Stock Solution Lot # 2022-B

Attachments

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

Taylor
Gutschow

Digitally signed by Taylor
Gutschow
Date: 2023.03.03 12:20:46
05:00

Phil Nicodemo

Digitally signed by Phil Nicodemo
Date: 2023.03.07 10:18:32 -05'00'

Tech Review / Date

Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ALACHUA COUNTY SO
Time of Inspection: 11:19

Date of Inspection: 03/03/2023

Serial Number: 80-000760
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG229803 Exp: 10/25/2024
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.078
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.078	0.201	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.201	0.079
0.000	0.049	0.079	0.201	0.078

Standard Deviations	0.0000	0.0004	0.0004	0.0005
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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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

03/03/2023
Date

Stability checks

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
02/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:51
Control Test	0.047	12:52
Air Blank	0.000	12:52
Control Test	0.047	12:53
Air Blank	0.000	12:53
Control Test	0.046	12:54
Air Blank	0.000	12:54
Control Test Stats		
Average	0.0467	
Std Dev	0.0006	
Rel Std Dev(%)	1.2372	

Operator's Signature

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
02/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:59
Control Test	0.078	12:59
Air Blank	0.000	13:00
Control Test	0.077	13:00
Air Blank	0.000	13:01
Control Test	0.076	13:02
Air Blank	0.000	13:02
Control Test Stats		
Average	0.0770	
Std Dev	0.0010	
Rel Std Dev(%)	1.2987	

Operator's Signature

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
02/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:03
Control Test	0.199	13:04
Air Blank	0.000	13:04
Control Test	0.200	13:05
Air Blank	0.000	13:06
Control Test	0.199	13:06
Air Blank	0.000	13:07
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

Operator's Signature

wet

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
02/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:08
Control Test	0.079	13:08
Air Blank	0.000	13:09
Control Test	0.079	13:09
Air Blank	0.000	13:10
Control Test	0.078	13:10
Air Blank	0.000	13:10
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Operator's Signature

Dry



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 80-000760, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000760</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>ALACHUA COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/03/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>11:19</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.

03/03/2023

Date

Israel Soto

ISRAEL SOTO,
Department Inspector

Digitally signed by Israel
Soto
Date: 2023.03.03 11:24:58
-05'00'

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
03/03/2023 07:47:38

Optical Bench
Calibration Adjustment

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 0.1190 (-0.0150) 0.0810 (-0.0080)
Sample #2 0.1160 (0.0440) 0.1010 (-0.0010)
Sample #3 0.1040 (0.0480) 0.0870 (0.0010)
Sample #4 0.0930 (0.1070) 0.0970 (0.0130)
Avg % Abs 0.1043 (0.0663) 0.0950 (0.0043)
STD DEV 0.0115 (0.0353) 0.0072 (0.0076)
REL STD DEV 11.026 (53.179) 7.591 (174.736)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.8520 (-0.0140) 1.4920 (-0.0070)
Sample #2 0.8470 (0.0050) 1.5210 (-0.0130)
Sample #3 0.8080 (0.0460) 1.5120 (0.0070)
Sample #4 0.8500 (0.0550) 1.5030 (0.0210)
Avg % Abs 0.8350 (0.0353) 1.5120 (0.0050)
STD DEV 0.0234 (0.0267) 0.0090 (0.0171)
REL STD DEV 2.806 (75.430) 0.595 (341.760)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 2.0050 (-0.0050) 3.6060 (-0.0030)
Sample #2 1.9540 (0.0490) 3.6130 (0.0180)
Sample #3 1.9690 (0.0500) 3.5890 (0.0340)
Sample #4 1.9910 (0.0280) 3.6040 (0.0240)
Avg % Abs 1.9713 (0.0423) 3.6020 (0.0253)
STD DEV 0.0186 (0.0124) 0.0121 (0.0081)
REL STD DEV 0.944 (29.346) 0.337 (31.906)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 3.7910 (0.0110) 6.9550 (0.0040)
Sample #2 3.7740 (0.0260) 6.9010 (0.0590)
Sample #3 3.7320 (0.0760) 6.8820 (0.0850)
Sample #4 3.7940 (0.0560) 6.9000 (0.0740)
Avg % Abs 3.7667 (0.0527) 6.8943 (0.0727)
STD DEV 0.0316 (0.0252) 0.0107 (0.0131)
REL STD DEV 0.840 (47.784) 0.155 (17.960)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.5720 (-0.0130) 10.0750 (-0.0190)
Sample #2 5.4980 (0.0360) 10.0050 (0.0440)
Sample #3 5.5230 (0.0410) 9.9980 (0.0580)
Sample #4 5.5330 (0.0470) 10.0030 (0.0730)
Avg % Abs 5.5180 (0.0413) 10.0020 (0.0583)
STD DEV 0.0180 (0.0055) 0.0036 (0.0145)
REL STD DEV 0.327 (13.325) 0.036 (24.862)

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
03/03/2023 07:47:38

Optical Bench
Calibration Adjustment

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -241.73
First Order Coef 2504.07
Second Order Coef 23.29

<<<< 9um >>>>

-116.46
1307.97
13.17

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0004
0.040	0.039	0.0008
0.100	0.100	-0.0005
0.200	0.200	0.0001
0.300	0.300	0.0000

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

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

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1 3227.00 3392.00
Sample #2 3212.00 3424.00
Sample #3 3306.00 3440.00
Sample #4 3140.00 3391.00
Avg 3219.3333 3418.3333
STD DEV 83.2426 24.9867
REL STD DEV 2.586 0.731
H2O adjust (mg/l*10k) 590 391

Barometric Pressure = 1003

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

Post Stability Checks

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
03/03/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:54
Control Test	0.048	08:54
Air Blank	0.000	08:55
Control Test	0.049	08:56
Air Blank	0.000	08:56
Control Test	0.048	08:57
Air Blank	0.000	08:57
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Operator's Signature

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
03/03/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:00
Control Test	0.079	09:00
Air Blank	0.000	09:01
Control Test	0.078	09:02
Air Blank	0.000	09:02
Control Test	0.078	09:03
Air Blank	0.000	09:03
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

Operator's Signature

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
03/03/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:04
Control Test	0.201	09:05
Air Blank	0.000	09:06
Control Test	0.199	09:06
Air Blank	0.000	09:07
Control Test	0.199	09:08
Air Blank	0.000	09:08
Control Test Stats		
Average	0.1997	
Std Dev	0.0012	
Rel Std Dev(%)	0.5783	

Operator's Signature

ALACHUA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000760
03/03/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:11
Control Test	0.079	09:11
Air Blank	0.000	09:12
Control Test	0.079	09:12
Air Blank	0.000	09:13
Control Test	0.079	09:13
Air Blank	0.000	09:14
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

Dry