



Agency Lakeland PD

S/N 80-005810

Date In 4/25/2022 DI Completion Date _____

☐ Ship ☐ P/U ☐ H/D ☐ CMI ☒ EE

Calibration Adjustment

By TDG

Barometric Pressure Gauge 1013 ID # 28199

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: *Flow rate outside acceptable range. Will perform flow calibration (TDG)

After the first optical, some values remained below the acceptable range. Conducted two more opticals trying to bring the results within optimal range. Used all the same sims, solutions and pressure gauge (both read 1014). Could not adjust. Will send to repair. (TDG)

Department Inspection

By

Barometric Pressure ID#

Gauge _____ Instrument _____

Mouth Alcohol Solution Lot # _____

Acetone Stock Solution Lot #

Attachments

- | | |
|--|---|
| <ul style="list-style-type: none"> Form 41 Stability Checks Calibration Certificate Calibration Adjustment | <ul style="list-style-type: none"> Post-Stability Checks Flow Calibration Form 40 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

Tech Review / Date

Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKELAND PD
Time of Inspection: 09:53

Date of Inspection: 05/16/2022

Serial Number: 80-005810
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:

BYPASSED AI TO OPERATE INSTRUMENT

Not determined 5/16/2022
MC

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

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Taylor D Gutschow

TAYLOR D GUTSCHOW

Signature and Printed Name

05/16/2022
Date

Flow Calibration

MG

80-005810

04/25/2022

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
04/25/2022
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 6.781

2: Rate (Liters/min) = 15

SQRT(Diff)) = 11.398

3: Rate (Liters/min) = 30

SQRT(Diff)) = 19.773

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 745

Rounded Intercept = -747312

Correlation = 0.99872

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-005810	Lakeland PD	04/25/2022	TDG MG

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083 ≤0.003 of Wet
LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 04/25/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 04/25/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 04/25/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 04/25/2022 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 13:49	Air Blank 0.000 13:54	Air Blank 0.000 13:43	Air Blank 0.000 13:58
Control Test 0.047 13:50	Control Test 0.075 13:55	Control Test 0.193 13:44	Control Test 0.079 13:59
Air Blank 0.000 13:51	Air Blank 0.000 13:55	Air Blank 0.000 13:45	Air Blank 0.000 13:59
Control Test 0.048 13:51	Control Test 0.076 13:56	Control Test 0.192 13:45	Control Test 0.080 14:00
Air Blank 0.000 13:52	Air Blank 0.000 13:56	Air Blank 0.000 13:46	Air Blank 0.000 14:00
Control Test 0.048 13:52	Control Test 0.076 13:57	Control Test 0.192 13:47	Control Test 0.080 14:01
Air Blank 0.000 13:53	Air Blank 0.000 13:58	Air Blank 0.000 13:47	Air Blank 0.000 14:01
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0477	Average 0.0757	Average 0.1923	Average 0.0797
Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0006
Rel Std Dev(%) 1.2112	Rel Std Dev(%) 0.7630	Rel Std Dev(%) 0.3002	Rel Std Dev(%) 0.7247
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

Comments: Results outside acceptable range. Will perform an Optical Calibration.

MG
4/25/2022

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
05/16/2022 10:00:36

Auto Calibration
Max Power Res Value = 34
Auto Range Res Value = 18

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12071, 9um Io = 14185

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.0130 (0.0030)
Sample #2 = 0.0280 (0.0210)
Sample #3 = 0.0260 (0.0560)
Sample #4 = 0.0770 (0.0520)
Avg % Abs = 0.0437 (0.0430)
STD DEV = 0.0289 (0.0192)
REL STD DEV = 66.148 (44.552)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.0830 (-0.0040)
Sample #2 = 0.0770 (0.0090)
Sample #3 = 0.0920 (0.0220)
Sample #4 = 0.1060 (0.0010)
Avg % Abs = 0.0917 (0.0107)
STD DEV = 0.0145 (0.0106)
REL STD DEV = 15.821 (99.363)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12060, 9um Io = 14180

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.6910 (-0.0010)
Sample #2 = 0.7500 (-0.0130)
Sample #3 = 0.6920 (0.0120)
Sample #4 = 0.7300 (0.0240)
Avg % Abs = 0.7240 (0.0077)
STD DEV = 0.0295 (0.0189)
REL STD DEV = 4.069 (246.219)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.4060 (-0.0030)
Sample #2 = 1.4140 (-0.0160)
Sample #3 = 1.4030 (0.0110)
Sample #4 = 1.4070 (0.0100)
Avg % Abs = 1.4080 (0.0017)
STD DEV = 0.0056 (0.0153)
REL STD DEV = 0.395 (918.477)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12049, 9um Io = 14174

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.6410 (-0.0070)
Sample #2 = 1.6710 (0.0050)
Sample #3 = 1.6590 (0.0090)
Sample #4 = 1.6760 (-0.0080)
Avg % Abs = 1.6687 (0.0020)
STD DEV = 0.0087 (0.0089)
REL STD DEV = 0.524 (444.410)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.2400 (0.0070)
Sample #2 = 3.2530 (0.0010)
Sample #3 = 3.2640 (0.0270)
Sample #4 = 3.2520 (0.0210)
Avg % Abs = 3.2563 (0.0163)
STD DEV = 0.0067 (0.0136)
REL STD DEV = 0.204 (83.349)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12040, 9um Io = 14167

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.2590 (0.0020)
Sample #2 = 3.3440 (-0.0310)
Sample #3 = 3.3220 (-0.0090)
Sample #4 = 3.2610 (0.0250)
Avg % Abs = 3.3090 (-0.0050)
STD DEV = 0.0430 (0.0282)
REL STD DEV = 1.299 (564.269)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 6.3490 (-0.0160)
Sample #2 = 6.3620 (0.0130)
Sample #3 = 6.3360 (-0.0080)
Sample #4 = 6.3130 (0.0250)
Avg % Abs = 6.3370 (0.0100)
STD DEV = 0.0245 (0.0167)
REL STD DEV = 0.387 (167.033)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12005, 9um Io = 14113

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 4.7340 (0.0140)
Sample #2 = 4.8420 (-0.0440)
Sample #3 = 4.8310 (0.0000)
Sample #4 = 4.7760 (0.0300)
Avg % Abs = 4.8163 (-0.0047)
STD DEV = 0.0354 (0.0372)
REL STD DEV = 0.734 (797.573)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 9.0590 (-0.0160)
Sample #2 = 9.1780 (-0.0660)
Sample #3 = 9.1530 (-0.0110)
Sample #4 = 9.1240 (0.0020)
Avg % Abs = 9.1517 (-0.0250)
STD DEV = 0.0270 (0.0361)
REL STD DEV = 0.295 (144.388)

***** AUTO CAL DATA *****
***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.044
Std Dev = 0.03 Rel Std Dev = 66.15
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.724
Std Dev = 0.03 Rel Std Dev = 4.07
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.669
Std Dev = 0.01 Rel Std Dev = 0.52
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.309
Std Dev = 0.04 Rel Std Dev = 1.30
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.816
Std Dev = 0.04 Rel Std Dev = 0.73
Zero Order Coef = -119.66
First Order Coef = 2818.61
Second Order Coef = 34.84
Standard Deviation = 55.848965

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.092
Std Dev = 0.01 Rel Std Dev = 15.82
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.408
Std Dev = 0.01 Rel Std Dev = 0.40
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.256
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.337
Std Dev = 0.02 Rel Std Dev = 0.39
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.152
Std Dev = 0.03 Rel Std Dev = 0.30
Zero Order Coef = -126.43
First Order Coef = 1434.79
Second Order Coef = 15.10
Standard Deviation = 39.218033

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0001
0.040 0.040 -0.0004
0.100 0.099 0.0012
0.200 0.201 -0.0010
0.300 0.300 0.0004

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

***** CHANNEL 1 *****
Sample #1 = 3423.00
Sample #2 = 3431.00
Sample #3 = 3484.00
Sample #4 = 3477.00
Average Result = 3464.0000
STD DEV = 28.7924
REL STD DEV = 0.831

***** CHANNEL 2 *****
Sample #1 = 3570.00
Sample #2 = 3569.00
Sample #3 = 3572.00
Sample #4 = 3586.00
Average Result = 3575.6667
STD DEV = 9.0738
REL STD DEV = 0.254

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mg/l*10,000) = 345
9 um H2O Adjust (mg/l*10,000) = 234
**** AUTO CAL PASS

Optical Calibration #1
SN: 80-005810
Agency: Lakeland PD
Date: 05/16/2022
Quadratic Fit: +/- 0.002g/210L ✓
By: TDG NW

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0001
0.040 0.041 -0.0007
0.100 0.098 0.0017
0.200 0.201 -0.0014
0.300 0.300 0.0005

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal) #1a	80-005810	Lakeland PD	05/16/2022	TDG MLG

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083 ≤0.003 of Wet
	#1		DGS
LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 10:59	Air Blank 0.000 11:09	Air Blank 0.000 11:26	Air Blank 0.000 11:05
Control Test 0.050 11:00	Control Test 0.078 11:10	Control Test 0.192 11:27	Control Test 0.079 11:05
Air Blank 0.000 11:01	Air Blank 0.000 11:11	Air Blank 0.000 11:28	Air Blank 0.000 11:06
Control Test 0.049 11:01	Control Test 0.077 11:11	Control Test 0.191 11:28	Control Test 0.079 11:06
Air Blank 0.000 11:02	Air Blank 0.000 11:12	Air Blank 0.000 11:29	Air Blank 0.000 11:06
Control Test 0.049 11:02	Control Test 0.076 11:12	Control Test 0.192 11:30	Control Test 0.080 11:07
Air Blank 0.000 11:03	Air Blank 0.000 11:13	Air Blank 0.000 11:30	Air Blank 0.000 11:07
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0493	Average 0.0770	Average 0.1917	Average 0.0793
Std Dev 0.0006	Std Dev 0.0010	Std Dev 0.0006	Std Dev 0.0006
Rel Std Dev(%) 1.1703	Rel Std Dev(%) 1.2987	Rel Std Dev(%) 0.3012	Rel Std Dev(%) 0.7277
MLG Operator's Signature	MLG Operator's Signature	MLG Operator's Signature	MLG Operator's Signature

Comments: Will take corrective action and repeat Stability Test on the 0.08 ARS. 5/16/2022
The 0.20 ARS was also outside nominal. MLG

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal) #1b	80-00 5810	Lakeland PD	05/16/2022	TDG MC

0.05g/210L		0.08g/210L		0.20g/210L		DGS 0.08g/210L																																					
0.047 to 0.053		0.077 to 0.083		0.194 to 0.206		0.077 to 0.083 ≤0.003 of Wet																																					
		#2 LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>11:17</td></tr><tr><td>Control Test</td><td>0.078</td><td>11:18</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:19</td></tr><tr><td>Control Test</td><td>0.075</td><td>11:19</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:20</td></tr><tr><td>Control Test</td><td>0.075</td><td>11:21</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:21</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0760</td><td></td></tr><tr><td>Std Dev</td><td>0.0017</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>2.2790</td><td></td></tr></tbody></table> MC Operator's Signature		Test	g/210L	Time	Air Blank	0.000	11:17	Control Test	0.078	11:18	Air Blank	0.000	11:19	Control Test	0.075	11:19	Air Blank	0.000	11:20	Control Test	0.075	11:21	Air Blank	0.000	11:21	Control Test Stats			Average	0.0760		Std Dev	0.0017		Rel Std Dev(%)	2.2790					
Test	g/210L	Time																																									
Air Blank	0.000	11:17																																									
Control Test	0.078	11:18																																									
Air Blank	0.000	11:19																																									
Control Test	0.075	11:19																																									
Air Blank	0.000	11:20																																									
Control Test	0.075	11:21																																									
Air Blank	0.000	11:21																																									
Control Test Stats																																											
Average	0.0760																																										
Std Dev	0.0017																																										
Rel Std Dev(%)	2.2790																																										

Comments: Tightened lid on sim and allowed to heat for several minutes before repeating the 0.08 ARS. Still outside acceptable range. Will repeat optical. repeating MC 5/16/22

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
05/16/2022 11:33:38

Auto Calibration
Max Power Res Value = 34
Auto Range Res Value = 18

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12023, 9um Io = 14158

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.0390 (0.0020)
Sample #2 = 0.0860 (-0.0060)
Sample #3 = 0.0830 (0.0100)
Sample #4 = 0.0250 (0.0490)
Avg % Abs = 0.0647 (0.0177)
STD DEV = 0.0344 (0.0283)
REL STD DEV = 53.173 (160.133)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.0730 (0.0150)
Sample #2 = 0.1050 (-0.0070)
Sample #3 = 0.1010 (-0.0100)
Sample #4 = 0.0840 (-0.0100)
Avg % Abs = 0.0967 (-0.0090)
STD DEV = 0.0112 (0.0017)
REL STD DEV = 11.535 (19.245)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12016, 9um Io = 14156

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.6990 (0.0000)
Sample #2 = 0.6930 (0.0060)
Sample #3 = 0.6670 (0.0010)
Sample #4 = 0.7110 (-0.0120)
Avg % Abs = 0.6903 (-0.0017)
STD DEV = 0.0221 (0.0093)
REL STD DEV = 3.204 (557.494)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 1.3670 (-0.0090)
Sample #2 = 1.3490 (0.0070)
Sample #3 = 1.3460 (-0.0020)
Sample #4 = 1.3830 (-0.0200)
Avg % Abs = 1.3593 (-0.0050)
STD DEV = 0.0206 (0.0137)
REL STD DEV = 1.512 (274.955)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12017, 9um Io = 14154

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 1.6470 (-0.0080)
Sample #2 = 1.6290 (-0.0070)
Sample #3 = 1.6420 (-0.0030)
Sample #4 = 1.6810 (-0.0260)
Avg % Abs = 1.6507 (-0.0120)
STD DEV = 0.0271 (0.0123)
REL STD DEV = 1.639 (102.402)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 3.2330 (-0.0260)
Sample #2 = 3.2240 (-0.0100)
Sample #3 = 3.2440 (-0.0160)
Sample #4 = 3.2410 (-0.0340)
Avg % Abs = 3.2363 (-0.0200)
STD DEV = 0.0108 (0.0125)
REL STD DEV = 0.333 (62.450)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12018, 9um Io = 14157

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 3.1810 (-0.0030)
Sample #2 = 3.1480 (0.0050)
Sample #3 = 3.1740 (0.0040)
Sample #4 = 3.1300 (0.0340)
Avg % Abs = 3.1507 (0.0143)
STD DEV = 0.0221 (0.0170)
REL STD DEV = 0.702 (118.878)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 6.1180 (-0.0060)
Sample #2 = 6.0920 (0.0050)
Sample #3 = 6.1000 (0.0240)
Sample #4 = 6.0960 (0.0210)
Avg % Abs = 6.0960 (0.0167)
STD DEV = 0.0040 (0.0102)
REL STD DEV = 0.066 (61.286)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12005, 9um Io = 14133

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 4.8350 (0.0040)
Sample #2 = 4.8490 (0.0400)
Sample #3 = 4.7840 (0.0880)
Sample #4 = 4.7900 (0.0570)
Avg % Abs = 4.8077 (0.0617)
STD DEV = 0.0359 (0.0243)
REL STD DEV = 0.747 (39.467)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 9.2060 (-0.0010)
Sample #2 = 9.1970 (0.0810)
Sample #3 = 9.1250 (0.1270)
Sample #4 = 9.1310 (0.1090)
Avg % Abs = 9.1510 (0.1057)
STD DEV = 0.0399 (0.0232)
REL STD DEV = 0.437 (21.937)

***** AUTO CAL DATA *****

Channel 1 Data
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.065
Std Dev = 0.03 Rel Std Dev = 53.17
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.690
Std Dev = 0.02 Rel Std Dev = 3.20
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.651
Std Dev = 0.03 Rel Std Dev = 1.64
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.151
Std Dev = 0.02 Rel Std Dev = 0.70
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.808
Std Dev = 0.04 Rel Std Dev = 0.75
Zero Order Coef = -241.84
First Order Coef = 3133.08
Second Order Coef = -21.68
Standard Deviation = 81.551430

Channel 2 Data
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.097
Std Dev = 0.01 Rel Std Dev = 11.53
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.359
Std Dev = 0.02 Rel Std Dev = 1.51
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.236
Std Dev = 0.01 Rel Std Dev = 0.33
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.096
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.151
Std Dev = 0.04 Rel Std Dev = 0.44
Zero Order Coef = -194.87
First Order Coef = 1552.24
Second Order Coef = 3.75
Standard Deviation = 84.642952

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.001 0.0009
0.040 0.040 -0.0004
0.100 0.102 -0.0022
0.200 0.198 0.0025
0.300 0.301 -0.0008

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

Channel 1 Data
Sample #1 = 3666.00
Sample #2 = 3732.00
Sample #3 = 3702.00
Sample #4 = 3608.00
Average Result = 3680.6667
STD DEV = 64.6942
REL STD DEV = 1.758

Channel 2 Data
Sample #1 = 3704.00
Sample #2 = 3689.00
Sample #3 = 3682.00
Sample #4 = 3685.00
Average Result = 3685.3333
STD DEV = 3.5119
REL STD DEV = 0.095

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1013
3 um H2O Adjust (mg/l*10,000) = 129
9 um H2O Adjust (mg/l*10,000) = 124
**** AUTO CAL PASS

Optical Calibration #2	
SN:	80-005810
Agency:	Lakeland PD
Date:	05/16/2022
Quadratic Fit:	+/- 0.002g/210L X
By:	TDG ML

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.001 0.0008
0.040 0.040 -0.0001
0.100 0.102 -0.0023
0.200 0.198 0.0023
0.300 0.301 -0.0007

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal) #2	80-005810	Lakeland PD	05/16/2022	TDG ML

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083 ✓ ≤0.003 of Wet
LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27	LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27	DGS LAKELAND PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-005810 05/16/2022 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 12:26	Air Blank 0.000 12:33	Air Blank 0.000 12:42	Air Blank 0.000 12:47
Control Test 0.041 12:27	Control Test 0.068 12:34	Control Test 0.167 12:43	Control Test 0.079 12:47
Air Blank 0.000 12:27	Air Blank 0.000 12:35	Air Blank 0.000 12:43	Air Blank 0.000 12:48
Control Test 0.041 12:28	Control Test 0.067 12:35	Control Test 0.165 12:44	Control Test 0.078 12:48
Air Blank 0.000 12:29	Air Blank 0.000 12:36	Air Blank 0.000 12:44	Air Blank 0.000 12:48
Control Test 0.042 12:29	Control Test 0.067 12:37	Control Test 0.164 12:45	Control Test 0.079 12:49
Air Blank 0.000 12:30	Air Blank 0.000 12:37	Air Blank 0.000 12:46	Air Blank 0.000 12:49
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0413	Average 0.0673	Average 0.1653	Average 0.0787
Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0015	Std Dev 0.0006
Rel Std Dev(%) 1.3968	Rel Std Dev(%) 0.8575	Rel Std Dev(%) 0.9239	Rel Std Dev(%) 0.7339
ML Operator's Signature	ML Operator's Signature	ML Operator's Signature	ML Operator's Signature

Comments:

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
05/16/2022 12:52:21

Auto Calibration
Max Power Res Value = 34
Auto Range Res Value = 18

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12027, 9um Io = 14163
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0780 (-0.0120)
Sample #2 = 0.0120 (0.0460)
Sample #3 = 0.0760 (0.0400)
Sample #4 = 0.0690 (0.0640)
Avg % Abs = 0.0523 (0.0500)
STD DEV = 0.0351 (0.0125)
REL STD DEV = 67.079 (24.980)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0850 (-0.0060)
Sample #2 = 0.0700 (0.0140)
Sample #3 = 0.1060 (-0.0010)
Sample #4 = 0.0860 (0.0230)
Avg % Abs = 0.0873 (0.0120)
STD DEV = 0.0180 (0.0121)
REL STD DEV = 20.653 (101.036)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12011, 9um Io = 14157
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.5740 (-0.0080)
Sample #2 = 0.6030 (-0.0290)
Sample #3 = 0.5990 (-0.0250)
Sample #4 = 0.5480 (-0.0020)
Avg % Abs = 0.5833 (-0.0187)
STD DEV = 0.0307 (0.0146)
REL STD DEV = 5.257 (78.062)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.1480 (0.0050)
Sample #2 = 1.1650 (-0.0100)
Sample #3 = 1.1520 (0.0060)
Sample #4 = 1.1590 (-0.0040)
Avg % Abs = 1.1587 (-0.0027)
STD DEV = 0.0065 (0.0081)
REL STD DEV = 0.562 (303.109)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12011, 9um Io = 14155
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.5860 (-0.0010)
Sample #2 = 0.5400 (0.0030)
Sample #3 = 0.6060 (-0.0210)
Sample #4 = 0.5480 (0.0150)
Avg % Abs = 0.5647 (-0.0010)
STD DEV = 0.0360 (0.0183)
REL STD DEV = 6.379 (1833.030)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.1670 (-0.0230)
Sample #2 = 1.1380 (0.0030)
Sample #3 = 1.1840 (-0.0260)
Sample #4 = 1.1250 (0.0020)
Avg % Abs = 1.1490 (-0.0070)
STD DEV = 0.0310 (0.0165)
REL STD DEV = 2.698 (235.173)

**** AUTO CAL FAIL

Instrument gave two
"Fault Det Rerun Sol"
messages while trying to
calibrate with the 0.040
solution. Aborted the
cal. Calibration failed.
Did not perform a Post-Cal
Stability. Contacted The AI
and discussed
sending the
instrument to
repair to
evaluate the
source.

ML
5/16/2022

Optical Calibration	
SN:	80-00 5810
Agency:	Lakeland PD
Date:	05/16/2022
Quadratic Fit: +/- 0.002g/210L	
By:	TDG ML

Return Material Authorization

Ship to: ☐ CMI, Inc.

☒ Enforcement Electronics

Shipment to repair facility authorized by: Camilo Almeida on 5/16/2022

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-005810

Bill To Address:

Lakeland Police Department

Attn: Camilo Almeida

Ship to Address:

Florida Department of Law Enforcement

Fort Myers Regional Operations Center

Attn: Alcohol Testing Program

4700 Terminal Drive, Suite 1

Fort Myers, FL 33907

Reason for Return:

Instrument reading outside the acceptable range despite multiple optical calibrations. Had two
"Fault Det Rerun Sol" messages during the 0.040 g/210 L portion of the last optical.

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: Camilo Almeida

Phone #: 813-600-8985

Email: Camilo.Almeida@lakelandgov.net

ATP Contact Name: Taylor Gutschow

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

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: Lakeland PD
Time of Inspection: n/a

Date of Inspection: 2022

Serial Number: 80-005810
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK			Date and/or Time Adjusted		
Minimum Sample Volume Check: OK			Barometric Pressure Sensor Check: OK		
Alcohol Free Subject Test: 0.000			Mouth Alcohol Test: Slope Not Met		
Interferent Detect Test: Interferent Detect			Diagnostic Check (Post-Inspection): OK		

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

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

Remarks:

Instrument did not receive a Department Inspection for 2022. It was sent to repair in May 2022 and did not return within the calendar year.

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.

Taylor Gutschow

Digitally signed by Taylor Gutschow
Date: 2022.12.29 15:03:42 -05'00'

Taylor D. Gutschow

Signature and Printed Name

12/29/2022
Date