







# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
4700 Terminal Drive, Suite 1  
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006627, manufactured by CML, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006627</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>FLORIDA CITY PD</u>	0.050 g/210 L 0.004
Calibration Date:	<u>09/14/2022</u>	0.080 g/210 L 0.004
Calibration Time:	<u>11:29</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  $\pm 0.005$  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.

09/14/2022

Date

  
DAVID E REYES-RIVERA,  
Department Inspector

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FLORIDA CITY PD  
Time of Inspection: 11:29

Date of Inspection: 09/14/2022

Serial Number: 80-006627  
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#:00521080A2 Exp: 02/05/2023
0.000	0.048	0.078	0.198	0.080
0.000	0.048	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.077	0.199	0.079
0.000	0.049	0.077	0.198	0.079
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.198	0.079

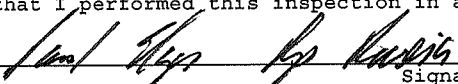
Standard Deviations	0.0004	0.0004	0.0005	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.

  
 Signature and Printed Name

DAVID E REYES-RIVERA

09/14/2022  
 Date

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-006627	Florida City Police Department	9/14/2022	<i>MLC</i>

0.05g/210L 0.047 to 0.053	<input checked="" type="checkbox"/>	0.08g/210L 0.077 to 0.083	<input checked="" type="checkbox"/>	0.20g/210L 0.194 to 0.206	<input checked="" type="checkbox"/>	DGS 0.08g/210L 0.077 to 0.083	<input checked="" type="checkbox"/>
FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 09/14/2022 Software: 8100.27		FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 09/14/2022 Software: 8100.27		FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 09/14/2022 Software: 8100.27		FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 09/14/2022 Software: 8100.27	
Test g/210L Time		Test g/210L Time		Test g/210L Time		Test g/210L Time	
Air Blank 0.000 08:00		Air Blank 0.000 08:06		Air Blank 0.000 08:12		Air Blank 1.000 08:17	
Control Test 0.050 08:01		Control Test 0.079 08:07		Control Test 0.198 08:12		Control Test 1.079 08:18	
Air Blank 0.000 08:02		Air Blank 0.000 08:07		Air Blank 0.000 08:13		Air Blank 1.000 08:18	
Control Test 0.049 08:02		Control Test 0.079 08:08		Control Test 0.199 08:13		Control Test 1.079 08:19	
Air Blank 0.000 08:03		Air Blank 0.000 08:08		Air Blank 0.000 08:14		Air Blank 1.000 08:19	
Control Test 0.043 08:04		Control Test 0.079 08:09		Control Test 0.199 08:15		Control Test 1.079 08:19	
Air Blank 0.000 08:04		Air Blank 0.000 08:10		Air Blank 0.000 08:15		Air Blank 1.000 08:20	
Control Test Stats		Control Test Stats		Control Test Stats		Control Test Stats	
Average 0.0493		Average 0.0790		Average 0.1987		Average 1.0790	
Std Dev 0.0006		Std Dev 0.0000		Std Dev 0.0006		Std Dev 1.0000	
Rel Std Dev(%) 1.1703		Rel Std Dev(%) 0.0000		Rel Std Dev(%) 0.2906		Rel Std Dev(%) 1.0000	
Operator's Signature <i>MLC</i>		Operator's Signature <i>MLC</i>		Operator's Signature <i>MLC</i>		Operator's Signature <i>MLC</i>	

FLORIDA CITY PD  
IncoMizer - Alcohol Analyzer  
Model 8000  
00/14/2022

Auto Calibration  
Max Power Res Value = 105  
Auto Range Res Value = 73

Soil Value = 0.000 g/210L \*\*\*  
Fit Value = 0.000 mg/l %\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum 10 = 12532, Sum 10 = 12674

Sample #1 = 0.0740 (% R05 Ref)  
Sample #2 = 0.1210 (% R05 Ref)  
Sample #3 = 0.0590 (% R05 Ref)  
Sample #4 = 0.0590 (% R05 Ref)  
Avg % R05 = 0.0767 (0.0303)  
STD DEV = 0.0367 (0.0412)  
REL STD DEV = 46.643 (135.940)

Soil Value = 0.040 g/210L \*\*\*  
Fit Value = 0.1905 mg/l %\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum 10 = 12517, Sum 10 = 12667

Sample #1 = 1.5490 (% R05 Ref)  
Sample #2 = 1.5550 (% R05 Ref)  
Sample #3 = 1.5660 (% R05 Ref)  
Sample #4 = 1.5620 (% R05 Ref)  
Avg % R05 = 1.5745 (0.0013)  
STD DEV = 0.0169 (0.0023)  
REL STD DEV = 1.071 (173.205)

Soil Value = 0.100 g/210L \*\*\*  
Fit Value = 0.4762 mg/l %\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum 10 = 12509, Sum 10 = 12664

Sample #1 = 1.8540 (% R05 Ref)  
Sample #2 = 1.8310 (% R05 Ref)  
Sample #3 = 1.8690 (% R05 Ref)  
Sample #4 = 1.8150 (% R05 Ref)  
Avg % R05 = 1.8390 (0.0423)  
STD DEV = 0.0272 (0.0320)  
REL STD DEV = 1.475 (75.603)

Soil Value = 0.200 g/210L \*\*\*  
Fit Value = 0.9524 mg/l %\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum 10 = 12497, Sum 10 = 12658

Sample #1 = 6.8990 (% R05 Ref)  
Sample #2 = 6.8710 (% R05 Ref)  
Sample #3 = 6.8630 (% R05 Ref)  
Sample #4 = 6.8650 (% R05 Ref)  
Avg % R05 = 6.8653 (0.0177)  
STD DEV = 0.0042 (0.0068)  
REL STD DEV = 0.061 (38.529)

Soil Value = 0.300 g/210L \*\*\*  
Fit Value = 1.4286 mg/l %\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum 10 = 12487, Sum 10 = 12554

Sample #1 = 5.1680 (% R05 Ref)  
Sample #2 = 5.2080 (% R05 Ref)  
Sample #3 = 5.2100 (% R05 Ref)  
Sample #4 = 5.2100 (% R05 Ref)  
Avg % R05 = 5.2093 (0.0133)  
STD DEV = 0.0012 (0.0172)  
REL STD DEV = 0.022 (129.108)

Soil Value = 0.400 g/210L \*\*\*  
Fit Value = 0.9524 mg/l %\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum 10 = 12497, Sum 10 = 12658

Soil Val = 0.0000 mg/l or 0.000 g/210L  
% R05 = 0.073  
Std Dev = 0.04 Rel Std Dev = 46.64  
Soil Val = 0.1905 mg/l or 0.040 g/210L  
% R05 = 0.006  
Std Dev = 0.01 Rel Std Dev = 1.50  
Soil Val = 0.4762 mg/l or 0.100 g/210L  
% R05 = 1.838  
Std Dev = 0.03 Rel Std Dev = 1.48  
Soil Val = 0.9524 mg/l or 0.200 g/210L  
% R05 = 3.539  
Std Dev = 0.03 Rel Std Dev = 0.71  
Soil Val = 1.4286 mg/l or 0.300 g/210L  
% R05 = 5.209  
Std Dev = 0.00 Rel Std Dev = 0.02

Zero Order Coef = -232.36  
First Order Coef = 2675.60  
Second Order Coef = 21.57  
Standard Deviation = 21.734612

Soil Val = 0.0000 mg/l or 0.000 g/210L  
% R05 = 0.158  
Std Dev = 0.01 Rel Std Dev = 3.65  
Soil Val = 0.1905 mg/l or 0.040 g/210L  
% R05 = 1.574  
Std Dev = 0.02 Rel Std Dev = 1.07  
Soil Val = 0.4762 mg/l or 0.100 g/210L  
% R05 = 3.515  
Std Dev = 0.01 Rel Std Dev = 0.33  
Soil Val = 0.9524 mg/l or 0.200 g/210L  
% R05 = 6.866  
Std Dev = 0.00 Rel Std Dev = 0.06  
Soil Val = 1.4286 mg/l or 0.300 g/210L  
% R05 = 9.951  
Std Dev = 0.01 Rel Std Dev = 0.06

Zero Order Coef = -214.87  
First Order Coef = 1330.33  
Second Order Coef = 12.75  
Standard Deviation = 4.01322

Act Fit Residual  
g/210L g/210L g/210L  
0.000 -0.000 0.000  
0.040 0.040 -0.000  
0.100 0.100 0.000  
0.200 0.200 0.000  
0.300 0.300 -0.000

Soil Value = 0.000 g/210L \*\*\*  
Fit Value = 0.3810 mg/l %\*\*\*  
Samples Taken = 4, Discarded = 1

Sample #1 = 3308.00  
Sample #2 = 3305.00  
Sample #3 = 3311.00  
Sample #4 = 3294.00  
Average Result = 3309.0000  
STD DEV = 14.1774  
REL STD DEV = 0.430

Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1014  
3 um H2O adjust (mg/L\*10,000) = 539  
9 um H2O adjust (mg/L\*10,000) = 510  
\*\*\*\* AUTO CAL PASS

# Optical Calibration

SN:	80-006627
Agency:	Florida City PD
Date:	9/14/2022
Quadratic Fit:	+/- 0.002g/210L
By:	DERR <i>lll</i>

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.000
0.040	0.041	-0.0007
0.100	0.100	0.0007
0.200	0.200	0.0003
0.300	0.300	-0.0001



Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-006627	Florida City Police Department	9/1/2022	DERR <i>WLL</i>

0.05g/210L 0.047 to 0.053	0.08g/210L 0.077 to 0.083	0.20g/210L 0.194 to 0.206	DGS 0.08g/210L 0.077 to 0.083
<p>FLORIDA CITY PC Intoxilyzer - Alcohol Analyzer Model: 8000 SN: 80-006627 09/01/2022 Software: 8100.27</p> <p>Test: g/210L Time</p> <p>Air Blank: 0.000 13:01 Control Test: 0.047 13:01 Air Blank: 0.000 13:02 Control Test: 0.048 13:02 Air Blank: 0.000 13:03 Control Test: 0.046 13:03 Air Blank: 0.000 13:04 Control Test: 0.047 13:04 Average: 0.047 Std Dev: 0.006 Rel Std Dev(%) 1.2112</p> <p>Operator's Signature: <i>WLL</i></p>	<p>FLORIDA CITY PC Intoxilyzer - Alcohol Analyzer Model: 8000 SN: 80-006627 09/01/2022 Software: 8100.27</p> <p>Test: g/210L Time</p> <p>Air Blank: 0.000 13:07 Control Test: 0.075 13:07 Air Blank: 0.000 13:08 Control Test: 0.077 13:08 Air Blank: 0.000 13:09 Control Test: 0.077 13:09 Air Blank: 0.000 13:10 Control Test: 0.077 13:10 Air Blank: 0.000 13:11 Control Test: 0.076 13:11 Average: 0.0767 Std Dev: 0.006 Rel Std Dev(%) 0.7531</p> <p>Operator's Signature: <i>WLL</i></p>	<p>FLORIDA CITY PC Intoxilyzer - Alcohol Analyzer Model: 8000 SN: 80-006627 09/01/2022 Software: 8100.27</p> <p>Test: g/210L Time</p> <p>Air Blank: 0.000 13:12 Control Test: 0.188 13:12 Air Blank: 0.000 13:13 Control Test: 0.190 13:13 Air Blank: 0.000 13:14 Control Test: 0.191 13:14 Air Blank: 0.000 13:15 Control Test: 0.191 13:15 Average: 0.1897 Std Dev: 0.0015 Rel Std Dev(%) 0.8054</p> <p>Operator's Signature: <i>WLL</i></p>	<p>FLORIDA CITY PC Intoxilyzer - Alcohol Analyzer Model: 8000 SN: 80-006627 09/01/2022 Software: 8100.27</p> <p>Test: g/210L Time</p> <p>Air Blank: 0.000 13:17 Control Test: 0.080 13:17 Air Blank: 0.000 13:18 Control Test: 0.080 13:18 Air Blank: 0.000 13:19 Control Test: 0.080 13:19 Average: 0.0800 Std Dev: 0.000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature: <i>WLL</i></p>

FLUORO CITY PD  
Intoxilizer - Alcotest Analyzer  
Model 8000  
09/01/2022  
SN 80-006627  
11:59:37

AUTO Calibration

Max Power Res Value = 165  
Auto Range Res Value = 74

Soi Value = 0.200 g/210L \*\*\*  
Fit Value = 0.000 mg/l \*\*\*  
Samples Taken = 4, Discarded = 1  
3um 10 = 12523, 9um 10 = 12572  
\*\*\*\* CHANNEL 1 \*\*\*\*  
Sample #1 = 0.0933 (% RDS Ref)  
Sample #2 = 0.0368 (% RDS Ref)  
Sample #3 = 0.0400 (% RDS Ref)  
Sample #4 = 0.0410 (% RDS Ref)  
Avg & RDS = 0.0390 (% RDS Ref)  
STD DEV = 0.0126 (% RDS Ref)  
REL STD DEV = 0.3194 (103.219)

\*\*\*\* CHANNEL 2 \*\*\*\*  
Sample #1 = 0.1610 (% RDS Ref)  
Sample #2 = 0.1290 (% RDS Ref)  
Sample #3 = 0.1260 (% RDS Ref)  
Sample #4 = 0.1420 (% RDS Ref)  
Avg & RDS = 0.1323 (% RDS Ref)  
STD DEV = 0.0085 (% RDS Ref)  
REL STD DEV = 6.427 (111.103)

Soi Value = 0.040 g/210L \*\*\*  
Fit Value = 0.1905 mg/l \*\*\*  
Samples Taken = 4, Discarded = 1  
3um 10 = 12523, 9um 10 = 12572  
\*\*\*\* CHANNEL 1 \*\*\*\*  
Sample #1 = 0.8170 (% RDS Ref)  
Sample #2 = 0.7830 (% RDS Ref)  
Sample #3 = 0.8110 (% RDS Ref)  
Sample #4 = 0.8130 (% RDS Ref)  
Avg & RDS = 0.8023 (% RDS Ref)  
STD DEV = 0.0168 (% RDS Ref)  
REL STD DEV = 2.091 (36.218)

\*\*\*\* CHANNEL 2 \*\*\*\*  
Sample #1 = 1.5750 (% RDS Ref)  
Sample #2 = 1.5586 (% RDS Ref)  
Sample #3 = 1.5720 (% RDS Ref)  
Sample #4 = 1.5650 (% RDS Ref)  
Avg & RDS = 1.5687 (% RDS Ref)  
STD DEV = 0.0335 (% RDS Ref)  
REL STD DEV = 0.224 (39.763)

Soi Value = 0.100 g/210L \*\*\*  
Fit Value = 0.4762 mg/l \*\*\*  
Samples Taken = 4, Discarded = 1  
3um 10 = 12523, 9um 10 = 12572  
\*\*\*\* CHANNEL 1 \*\*\*\*  
Sample #1 = 1.0810 (% RDS Ref)  
Sample #2 = 1.0130 (% RDS Ref)  
Sample #3 = 1.0390 (% RDS Ref)  
Sample #4 = 1.0670 (% RDS Ref)  
Avg & RDS = 1.0417 (% RDS Ref)  
STD DEV = 0.0241 (% RDS Ref)  
REL STD DEV = 1.309 (56.773)

\*\*\*\* CHANNEL 2 \*\*\*\*  
Sample #1 = 3.6560 (% RDS Ref)  
Sample #2 = 3.6290 (% RDS Ref)  
Sample #3 = 3.6300 (% RDS Ref)  
Sample #4 = 3.6380 (% RDS Ref)  
Avg & RDS = 3.6433 (% RDS Ref)  
STD DEV = 0.0947 (% RDS Ref)  
REL STD DEV = 0.130 (97.899)

Soi Value = 0.200 g/210L \*\*\*  
Fit Value = 0.9524 mg/l \*\*\*  
Samples Taken = 4, Discarded = 1  
3um 10 = 12523, 9um 10 = 12572  
\*\*\*\* CHANNEL 1 \*\*\*\*  
Sample #1 = 3.5420 (% RDS Ref)  
Sample #2 = 3.5540 (% RDS Ref)  
Sample #3 = 3.5160 (% RDS Ref)  
Sample #4 = 3.5480 (% RDS Ref)  
Avg & RDS = 3.5397 (% RDS Ref)  
STD DEV = 0.0200 (% RDS Ref)  
REL STD DEV = 0.566 (39.556)

\*\*\*\* CHANNEL 2 \*\*\*\*  
Sample #1 = 6.0970 (% RDS Ref)  
Sample #2 = 6.0950 (% RDS Ref)  
Sample #3 = 6.0650 (% RDS Ref)  
Sample #4 = 6.0880 (% RDS Ref)  
Avg & RDS = 6.0827 (% RDS Ref)  
STD DEV = 0.0157 (% RDS Ref)  
REL STD DEV = 0.228 (141.973)

Soi Value = 0.200 g/210L \*\*\*  
Fit Value = 1.4286 mg/l \*\*\*  
Samples Taken = 4, Discarded = 1  
3um 10 = 12523, 9um 10 = 12572  
\*\*\*\* CHANNEL 1 \*\*\*\*  
Sample #1 = 5.2300 (% RDS Ref)  
Sample #2 = 5.2080 (% RDS Ref)  
Sample #3 = 5.1700 (% RDS Ref)  
Sample #4 = 5.2230 (% RDS Ref)  
Avg & RDS = 5.2003 (% RDS Ref)  
STD DEV = 0.0273 (% RDS Ref)  
REL STD DEV = 0.525 (106.119)

\*\*\*\* CHANNEL 2 \*\*\*\*  
Sample #1 = 10.0000 (% RDS Ref)  
Sample #2 = 9.9880 (% RDS Ref)  
Sample #3 = 9.9760 (% RDS Ref)  
Sample #4 = 10.0060 (% RDS Ref)  
Avg & RDS = 9.9891 (% RDS Ref)  
STD DEV = 0.0154 (% RDS Ref)  
REL STD DEV = 0.154 (103.267)

Soi Value = 0.040 g/210L \*\*\*  
Fit Value = 0.1905 mg/l \*\*\*  
Samples Taken = 4, Discarded = 1  
3um 10 = 12523, 9um 10 = 12572  
\*\*\*\* CHANNEL 1 \*\*\*\*  
Sample #1 = 3.5420 (% RDS Ref)  
Sample #2 = 3.5540 (% RDS Ref)  
Sample #3 = 3.5160 (% RDS Ref)  
Sample #4 = 3.5480 (% RDS Ref)  
Avg & RDS = 3.5397 (% RDS Ref)  
STD DEV = 0.0200 (% RDS Ref)  
REL STD DEV = 0.566 (39.556)

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*  
\*\*\*\* CHANNEL 1 \*\*\*\*  
Soi Val = 0.0000 mg/l or 0.000 g/210L  
& RDS = 0.009  
Std Dev = 0.00 Rel Std Dev = 6.78  
Soi Val = 0.1905 mg/l or 0.190 g/210L  
& RDS = 0.802  
Std Dev = 0.02 Rel Std Dev = 2.03  
Soi Val = 0.4762 mg/l or 0.476 g/210L  
& RDS = 1.942  
Std Dev = 0.02 Rel Std Dev = 1.31  
Soi Val = 0.9524 mg/l or 0.952 g/210L  
& RDS = 3.539  
Std Dev = 0.02 Rel Std Dev = 0.57  
Soi Val = 1.4286 mg/l or 1.428 g/210L  
& RDS = 5.200  
Std Dev = 0.03 Rel Std Dev = 0.53  
Zero Order Coef = -142.89  
First Order Coef = 2501.65  
Second Order Coef = 33.81  
Standard Deviation = 42.105795

\*\*\*\* CHANNEL 2 \*\*\*\*  
Soi Val = 0.0000 mg/l or 0.000 g/210L  
& RDS = 0.132  
Std Dev = 0.01 Rel Std Dev = 6.43  
Soi Val = 0.1905 mg/l or 0.190 g/210L  
& RDS = 1.569  
Std Dev = 0.00 Rel Std Dev = 0.22  
Soi Val = 0.4762 mg/l or 0.476 g/210L  
& RDS = 3.534  
Std Dev = 0.00 Rel Std Dev = 0.13  
Soi Val = 0.9524 mg/l or 0.952 g/210L  
& RDS = 6.883  
Std Dev = 0.02 Rel Std Dev = 0.23  
Soi Val = 1.4286 mg/l or 1.428 g/210L  
& RDS = 9.989  
Std Dev = 0.02 Rel Std Dev = 0.15  
Zero Order Coef = -183.97  
First Order Coef = 1315.90  
Second Order Coef = 13.34  
Standard Deviation = 13.30152

\*\*\*\* CHANNEL 1 \*\*\*\*  
Soi Val = 0.0000 mg/l or 0.000 g/210L  
& RDS = 0.009  
Std Dev = 0.00 Rel Std Dev = 6.78  
Soi Val = 0.1905 mg/l or 0.190 g/210L  
& RDS = 0.802  
Std Dev = 0.02 Rel Std Dev = 2.03  
Soi Val = 0.4762 mg/l or 0.476 g/210L  
& RDS = 1.942  
Std Dev = 0.02 Rel Std Dev = 1.31  
Soi Val = 0.9524 mg/l or 0.952 g/210L  
& RDS = 3.539  
Std Dev = 0.02 Rel Std Dev = 0.57  
Soi Val = 1.4286 mg/l or 1.428 g/210L  
& RDS = 5.200  
Std Dev = 0.03 Rel Std Dev = 0.53  
Zero Order Coef = -142.89  
First Order Coef = 2501.65  
Second Order Coef = 33.81  
Standard Deviation = 42.105795

\*\*\*\* CHANNEL 2 \*\*\*\*  
Soi Val = 0.0000 mg/l or 0.000 g/210L  
& RDS = 0.132  
Std Dev = 0.01 Rel Std Dev = 6.43  
Soi Val = 0.1905 mg/l or 0.190 g/210L  
& RDS = 1.569  
Std Dev = 0.00 Rel Std Dev = 0.22  
Soi Val = 0.4762 mg/l or 0.476 g/210L  
& RDS = 3.534  
Std Dev = 0.00 Rel Std Dev = 0.13  
Soi Val = 0.9524 mg/l or 0.952 g/210L  
& RDS = 6.883  
Std Dev = 0.02 Rel Std Dev = 0.23  
Soi Val = 1.4286 mg/l or 1.428 g/210L  
& RDS = 9.989  
Std Dev = 0.02 Rel Std Dev = 0.15  
Zero Order Coef = -183.97  
First Order Coef = 1315.90  
Second Order Coef = 13.34  
Standard Deviation = 13.30152

Solution Status Quasi-Static Fit: Ch 1  
-C- Fit Residual:  
1 0.210 0.210 0.210L  
2 0.000 0.000 0.000L  
3 0.040 0.040 0.040L  
4 0.100 0.100 0.100L  
5 0.200 0.200 0.200L  
6 0.300 0.300 0.300L  
7 0.400 0.400 0.400L  
8 0.500 0.500 0.500L  
9 0.600 0.600 0.600L  
10 0.700 0.700 0.700L  
11 0.800 0.800 0.800L  
12 0.900 0.900 0.900L  
13 1.000 1.000 1.000L  
14 1.100 1.100 1.100L  
15 1.200 1.200 1.200L  
16 1.300 1.300 1.300L  
17 1.400 1.400 1.400L  
18 1.500 1.500 1.500L  
19 1.600 1.600 1.600L  
20 1.700 1.700 1.700L  
21 1.800 1.800 1.800L  
22 1.900 1.900 1.900L  
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Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-006627	Florida City Police Department	9/1/2022	DERR <i>hll</i>

<p>0.05g/210L</p> <p>0.047 to 0.053 <input checked="" type="checkbox"/></p>	<p>0.08g/210L</p> <p>0.077 to 0.083 <input checked="" type="checkbox"/></p>	<p>0.20g/210L</p> <p>0.194 to 0.206 <input checked="" type="checkbox"/></p>	<p>DGS 0.08g/210L</p> <p>0.077 to 0.083 <input checked="" type="checkbox"/></p>
<p>FLORIDA CITY PD Intoxilyzer - Alcohol Analyzer Model 8100 SN 80-006627 09/01/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.010 10:45 Control Test 0.047 10:49 Air Blank 0.000 10:50 Control Test 0.048 10:50 Air Blank 0.000 10:51 Control Test 0.048 10:52 Air Blank 0.000 10:52</p> <p>Control Test Stats Average 0.0477 Std Dev 1.0005 Rel Std Dev(%) 1.2112</p> <p>Operator's Signature <i>hll</i></p>	<p>FLORIDA CITY PD Intoxilyzer - Alcohol Analyzer Model 8100 SN 80-006627 09/01/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:54 Control Test 0.078 10:54 Air Blank 0.000 10:55 Control Test 0.078 10:55 Air Blank 0.000 10:56 Control Test 0.078 10:57 Air Blank 0.000 10:57</p> <p>Control Test Stats Average 0.0780 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature <i>hll</i></p>	<p>FLORIDA CITY PD Intoxilyzer - Alcohol Analyzer Model 8100 SN 80-006627 09/01/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:58 Control Test 0.189 10:59 Air Blank 0.000 11:00 Control Test 0.191 11:00 Air Blank 0.000 11:01 Control Test 0.191 11:01 Air Blank 0.000 11:02</p> <p>Control Test Stats Average 0.1903 Std Dev 0.0012 Rel Std Dev(%) 0.6067</p> <p>Operator's Signature <i>hll</i></p>	<p>FLORIDA CITY PD Intoxilyzer - Alcohol Analyzer Model 8100 SN 80-006627 09/01/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:03 Control Test 0.079 11:03 Air Blank 0.000 11:04 Control Test 0.079 11:04 Air Blank 0.000 11:05 Control Test 0.080 11:05 Air Blank 0.000 11:06</p> <p>Control Test Stats Average 0.0793 Std Dev 0.0006 Rel Std Dev(%) 0.7277</p> <p>Operator's Signature <i>hll</i></p>



FLORIDA CITY PD  
Intoxilizer - Alconcel Analyzer  
Model 8000  
09/01/2022

SN 80-006627  
09:36:13

Auto Calibration  
Max Power Res Value = 107  
Auto Range Res Value = 75

Soil Value = 0.1000 g/210L \*\*\*  
Fit Value = 0.1000 mg/l \*\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum Io = 12655, Sum Io = 12740

Sample % Abs (% Abs Ref)  
Sample #1 = 0.1090 (-0.0220)  
Sample #2 = 0.0430 (0.0250)  
Sample #3 = 0.0880 (0.0140)  
Sample #4 = 0.0140 (0.0570)  
Avg % Abs = 0.0483 (0.0330)  
STD DEV = 0.0373 (0.0228)  
REL STD DEV = 77.146 (69.807)

Sample % Abs (% Abs Ref)  
Sample #1 = 0.1680 (-0.0120)  
Sample #2 = 0.1190 (0.0140)  
Sample #3 = 0.1570 (0.0070)  
Sample #4 = 0.1200 (0.0310)  
Avg % Abs = 0.1320 (0.0173)  
STD DEV = 0.0217 (0.0123)  
REL STD DEV = 16.406 (71.265)

Soil Value = 0.0440 g/210L \*\*\*  
Fit Value = 0.1935 mg/l \*\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum Io = 12649, Sum Io = 12738

Sample % Abs (% Abs Ref)  
Sample #1 = 1.5720 (-0.0020)  
Sample #2 = 1.5540 (0.0380)  
Sample #3 = 1.5620 (0.0000)  
Sample #4 = 1.5430 (0.0110)  
Avg % Abs = 1.5530 (0.0063)  
STD DEV = 0.0095 (0.0057)  
REL STD DEV = 0.614 (89.783)

Soil Value = 0.100 g/210L \*\*\*  
Fit Value = 0.4762 mg/l \*\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum Io = 12645, Sum Io = 12737

Sample % Abs (% Abs Ref)  
Sample #1 = 1.8410 (-0.0070)  
Sample #2 = 1.8880 (0.0260)  
Sample #3 = 1.7920 (0.0340)  
Sample #4 = 1.7890 (0.0450)  
Avg % Abs = 1.7963 (0.0350)  
STD DEV = 0.1012 (0.0095)  
REL STD DEV = 0.569 (27.255)

Sample % Abs (% Abs Ref)  
Sample #1 = 3.6160 (-0.0050)  
Sample #2 = 3.6010 (0.0150)  
Sample #3 = 3.6140 (0.0130)  
Sample #4 = 3.6150 (0.0090)  
Avg % Abs = 3.6100 (0.0123)  
STD DEV = 0.0078 (0.0031)  
REL STD DEV = 0.216 (24.771)

Soil Value = 0.200 g/210L \*\*\*  
Fit Value = 0.9524 mg/l \*\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum Io = 12642, Sum Io = 12735

Sample % Abs (% Abs Ref)  
Sample #1 = 3.5680 (-0.0200)  
Sample #2 = 3.5100 (0.0170)  
Sample #3 = 3.5600 (-0.0010)  
Sample #4 = 3.4990 (0.0280)  
Avg % Abs = 3.5220 (0.0147)  
STD DEV = 0.0525 (0.0145)  
REL STD DEV = 0.923 (99.819)

Sample % Abs (% Abs Ref)  
Sample #1 = 6.8960 (0.0000)  
Sample #2 = 6.8720 (0.0190)  
Sample #3 = 6.8980 (0.0120)  
Sample #4 = 6.8630 (0.0230)  
Avg % Abs = 6.8777 (0.0180)  
STD DEV = 0.0182 (0.0056)  
REL STD DEV = 0.264 (30.932)

Soil Value = 0.300 g/210L \*\*\*  
Fit Value = 1.4286 mg/l \*\*\*\*  
Samples Taken = 4, Discarded = 1  
Sum Io = 12639, Sum Io = 12734

Sample % Abs (% Abs Ref)  
Sample #1 = 5.2040 (-0.0140)  
Sample #2 = 5.1690 (0.0050)  
Sample #3 = 5.1590 (0.0280)  
Sample #4 = 5.2010 (0.0130)  
Avg % Abs = 5.1763 (0.0153)  
STD DEV = 0.0219 (0.0117)  
REL STD DEV = 0.424 (76.149)

Sample % Abs (% Abs Ref)  
Sample #1 = 9.9810 (0.0000)  
Sample #2 = 9.9430 (0.0220)  
Sample #3 = 9.9400 (0.0340)  
Sample #4 = 9.9420 (0.0350)  
Avg % Abs = 9.9430 (0.0317)  
STD DEV = 0.0010 (0.0087)  
REL STD DEV = 0.010 (27.590)

Soil Value = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.043  
Std Dev = 0.03 Rel Std Dev = 77.15  
Soil Val = 0.1935 mg/l or 0.043 g/210L  
% Abs = 0.757  
Std Dev = 0.01 Rel Std Dev = 1.36  
Soil Val = 0.4762 mg/l or 0.109 g/210L  
% Abs = 1.796  
Std Dev = 0.01 Rel Std Dev = 0.57  
Soil Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.523  
Std Dev = 0.03 Rel Std Dev = 0.92  
Soil Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.176  
Std Dev = 0.02 Rel Std Dev = 0.42  
Zero Order Coef = -123.33  
First Order Coef = 2665.56  
Second Order Coef = 22.51  
Standard Deviation = 17.547714

Soil Value = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.132  
Std Dev = 0.02 Rel Std Dev = 16.41  
Soil Val = 0.1935 mg/l or 0.100 g/210L  
% Abs = 1.553  
Std Dev = 0.01 Rel Std Dev = 0.61  
Soil Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.610  
Std Dev = 0.01 Rel Std Dev = 0.22  
Soil Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.878  
Std Dev = 0.02 Rel Std Dev = 0.26  
Soil Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.943  
Std Dev = 0.00 Rel Std Dev = 0.01  
Zero Order Coef = -171.01  
First Order Coef = 1314.07  
Second Order Coef = 14.04  
Standard Deviation = 5.104225

Optical Calibration	
SN:	80-006627
Agency:	Florida City PD
Date:	9/1/2022
Quadratic Fit: +/- 0.002g/210L	
By:	DERR

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0000
0.100	0.100	0.0001
0.200	0.200	-0.0001
0.300	0.300	0.0001

Soil Value = 0.080 g/210L \*\*\*  
Fit Value = 0.3810 mg/l \*\*\*\*  
Samples Taken = 4, Discarded = 1

Sample #1 = 3434.00  
Sample #2 = 3426.00  
Sample #3 = 3402.00  
Sample #4 = 3426.00  
Average Result = 3418.0000  
STD DEV = 13.8564  
REL STD DEV = 0.405

Sample #1 = 3301.00  
Sample #2 = 3302.00  
Sample #3 = 3313.00  
Sample #4 = 3306.00  
Average Result = 3307.0000  
STD DEV = 5.5678  
REL STD DEV = 0.168

Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1016  
3 um H2O Adjust (mg/l\*10,000) = 391  
9 um H2O Adjust (mg/l\*10,000) = 502

\*\*\*\* AUTO CAL PASS

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0000
0.100	0.099	0.0005
0.200	0.200	-0.0005
0.300	0.300	0.0002



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006627	Florida City Police Department	8/30/2022	DERR <i>WLL</i>

<p>0.05g/210L <input checked="" type="checkbox"/></p> <p>0.047 to 0.053 <input type="checkbox"/></p> <p>FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 08/30/2022 Software: 8100.27</p> <p>Test 9/210L Time</p> <p>Air Blank 0.000 06:49 Control Test 0.050 06:50 Air Blank 0.000 06:51 Control Test 0.043 06:51 Air Blank 0.000 06:52 Control Test 0.050 06:53 Air Blank 0.000 06:53</p> <p>Control Test Stats Average 0.0457 Std Dev 0.0006 Rel Std Dev(%) 1.1625</p> <p>Operator's Signature <i>WLL</i></p>	<p>0.08g/210L <input checked="" type="checkbox"/></p> <p>0.077 to 0.083 <input type="checkbox"/></p> <p>FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 08/30/2022 Software: 8100.27</p> <p>Test 9/210L Time</p> <p>Air Blank 0.000 06:54 Control Test 0.079 06:55 Air Blank 0.000 06:55 Control Test 0.079 06:56 Air Blank 0.000 06:57 Control Test 0.079 06:57 Air Blank 0.000 06:58</p> <p>Control Test Stats Average 0.0790 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature <i>WLL</i></p>	<p>0.20g/210L <input checked="" type="checkbox"/></p> <p>0.194 to 0.206 <input checked="" type="checkbox"/></p> <p>FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 08/30/2022 Software: 8100.27</p> <p>Test 9/210L Time</p> <p>Air Blank 0.000 06:59 Control Test 0.192 07:00 Air Blank 0.000 07:00 Control Test 0.193 07:01 Air Blank 0.000 07:01 Control Test 0.193 07:02 Air Blank 0.000 07:03</p> <p>Control Test Stats Average 0.1927 Std Dev 0.0006 Rel Std Dev(%) 0.2997</p> <p>Operator's Signature <i>WLL</i></p>	<p>DGS 0.08g/210L <input checked="" type="checkbox"/></p> <p>0.077 to 0.083 <input type="checkbox"/></p> <p>FLORIDA CITY PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-006627 08/30/2022 Software: 8100.27</p> <p>Test 9/210L Time</p> <p>Air Blank 0.000 07:14 Control Test 0.081 07:14 Air Blank 0.000 07:15 Control Test 0.081 07:15 Air Blank 0.000 07:16 Control Test 0.080 07:16 Air Blank 0.000 07:17</p> <p>Control Test Stats Average 0.0807 Std Dev 0.0006 Rel Std Dev(%) 0.7157</p> <p>Operator's Signature <i>WLL</i></p>
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# Florida Department of Law Enforcement Alcohol Testing Program

## AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FLORIDA CITY PD  
Time of Inspection: 07:17

Date of Inspection: 09/01/2022

Serial Number: 80-006627  
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:**

COMPLIANCE NOT DETERMINED, AI NOT CONDUCTED.

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.

David E Reyes-Rivera Signature and Printed Name

DAVID E REYES-RIVERA

09/01/2022  
Date