



INSTRUMENT PROCESSING SHEET

Agency Everglades National Park ServiceS/N 80-001360Florida Department of
Law EnforcementDate In 12/7/2022DI Completion Date 12/8/2022☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By DERR	Quality Checks	By DERR	Date <u>12/8/2022</u>	Flow Calibration	By	Date																										
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>197</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.164</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28199</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # _____ <input type="checkbox"/> 5L/min – 17mm <input type="checkbox"/> 15L/min – 53mm <input type="checkbox"/> 30L/min – 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																												
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Calibration Adjustment By DERR _____		Department Inspection By DERR _____																															
Barometric Pressure Gauge <u>1022</u> ID # <u>68639</u>		Barometric Pressure ID# <u>28663</u>																															
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Notes/Suggested Service: <u>Instrument was calibrated to bring values closer to nominal. DERR</u> _____ _____ _____ _____ _____ _____ _____ _____ _____		<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use																															
Phil Nicodemo <small>Digitally signed by Phil Nicodemo Date: 2022.12.09 08:48:23 -05'00'</small>		Israel Soto <small>Digitally signed by Israel Soto Date: 2022.12.09 09:10:08 -05'00'</small>																															
Tech Review / Date _____		Admin Review / Date _____																															



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 80-001360, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001360</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>EVERGLADES NAT PARK</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>12/08/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:29</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 ± 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.

12/08/2022

Date



DAVID E REYES-RIVERA,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: EVERGLADES NAT PARK
Time of Inspection: 12:29

Date of Inspection: 12/08/2022

Serial Number: 80-001360
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	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079
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0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.078	0.197	0.079
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.077	0.197	0.078

Standard Deviations	0.0000	0.0004	0.0004	0.0004
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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.

DAVID E REYES-RIVERA

Signature and Printed Name

12/08/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-001360	Everglades National Park Service	12/08/2022	DERR <i>[Signature]</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"/>																																																																																																																																																
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EVERGLADES NAT PARK
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001360
12/08/2022 09:22:36

Auto Calibration
Max Power Res Value = 51
Auto Range Res Value = 40

Sol Value = 0.000 g/210L ***
Fit value = 0.000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12679, Sum Io = 13800
Sol Value = 0.000 g/210L ***
Fit value = 0.000 mg/l %%%
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Sol Value = 0.000 g/210L ***
Fit value = 0.000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12679, Sum Io = 13800

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.1190 (-0.0040)
Sample #2 = 0.0930 (0.0150)
Sample #3 = 0.1070 (0.0230)
Sample #4 = 0.1030 (0.0120)
Avg % Abs = 0.1010 (0.0167)
STD DEV = 0.0072 (0.0057)
REL STD DEV = 7.140 (34.117)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12672, Sum Io = 13797
Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12672, Sum Io = 13797

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.7590 (-0.0130)
Sample #2 = 0.7900 (-0.0230)
Sample #3 = 0.7960 (-0.0310)
Sample #4 = 0.7920 (-0.0030)
Avg % Abs = 0.7893 (-0.0190)
STD DEV = 0.0083 (0.0144)
REL STD DEV = 1.055 (75.906)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 1.4530 (-0.0070)
Sample #2 = 1.4890 (-0.0180)
Sample #3 = 1.4720 (-0.0010)
Sample #4 = 1.4810 (-0.0030)
Avg % Abs = 1.4807 (-0.0073)
STD DEV = 0.0085 (0.0093)
REL STD DEV = 0.574 (126.703)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12669, Sum Io = 13796
Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12669, Sum Io = 13796

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 3.4930 (-0.0210)
Sample #2 = 3.4860 (-0.0220)
Sample #3 = 3.4780 (-0.0140)
Sample #4 = 3.4710 (-0.0100)
Avg % Abs = 3.4783 (-0.0153)
STD DEV = 0.0075 (0.0061)
REL STD DEV = 0.216 (39.848)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12670, Sum Io = 13797
Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12670, Sum Io = 13797

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 3.5090 (-0.0160)
Sample #2 = 3.4640 (0.0000)
Sample #3 = 3.4400 (0.0240)
Sample #4 = 3.4630 (0.0090)
Avg % Abs = 3.4557 (0.0110)
STD DEV = 0.0136 (0.0121)
REL STD DEV = 0.393 (110.221)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 6.6870 (-0.0190)
Sample #2 = 6.6510 (-0.0050)
Sample #3 = 6.6380 (0.0120)
Sample #4 = 6.6520 (0.0080)
Avg % Abs = 6.6470 (0.0050)
STD DEV = 0.0078 (0.0089)
REL STD DEV = 0.118 (177.764)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12669, Sum Io = 13793
Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12669, Sum Io = 13793

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 9.7140 (-0.0210)
Sample #2 = 9.6380 (0.0180)
Sample #3 = 9.6370 (0.0270)
Sample #4 = 9.6920 (0.0150)
Avg % Abs = 9.6557 (0.0200)
STD DEV = 0.0315 (0.0062)
REL STD DEV = 0.326 (31.225)

Optical Calibration	
SN:	80-001360
Agency:	Everglades NPS
Date:	12/08/2022
Quadratic Fit:	+/- 0.002g/210L
By:	DERR

**** AUTO CAL DATA ****
Channel 1 Data
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.098
Std Dev = 0.01 Rel Std Dev = 10.66
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.789
Std Dev = 0.01 Rel Std Dev = 1.05
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.803
Std Dev = 0.02 Rel Std Dev = 1.01
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.456
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.049
Std Dev = 0.01 Rel Std Dev = 0.18
Zero Order Coef = -267.27
First Order Coef = 2732.09
Second Order Coef = 29.66
Standard Deviation = 3.999333
Channel 2 Data
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.101
Std Dev = 0.01 Rel Std Dev = 7.14
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.481
Std Dev = 0.01 Rel Std Dev = 0.57
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.478
Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.647
Std Dev = 0.01 Rel Std Dev = 0.12
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.656
Std Dev = 0.03 Rel Std Dev = 0.33
Zero Order Coef = -140.35
First Order Coef = 1362.79
Second Order Coef = 13.61
Standard Deviation = 3.217155

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0000
0.040	0.040	-0.0001
0.100	0.100	0.0001
0.200	0.200	-0.0001
0.300	0.300	0.0000

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 -0.0001
0.100 0.100 -0.0001
0.200 0.200 0.0001
0.300 0.300 -0.0000
Sol Value = 0.060 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
**** CHANNEL 1 ****
Sample #1 = 3220.00
Sample #2 = 3216.00
Sample #3 = 3317.00
Sample #4 = 3306.00
Average Result = 3279.6667
STD DEV = 55.4106
REL STD DEV = 1.690
**** CHANNEL 2 ****
Sample #1 = 3564.00
Sample #2 = 3554.00
Sample #3 = 3563.00
Sample #4 = 3586.00
Average Result = 3567.6667
STD DEV = 16.5025
REL STD DEV = 0.463

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1022
3 um H2O Adjust (mg/l*10,000) = 530
9 um H2O Adjust (mg/l*10,000) = 242
**** AUTO CAL PASS ****

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001360	Everglades National Park Service	12/8/2022	DERR <i>[Signature]</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"/>																																																																																																																																																
<p>EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001360 12/08/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:12</td></tr><tr><td>Control Test</td><td>0.049</td><td>07:13</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:14</td></tr><tr><td>Control Test</td><td>0.048</td><td>07:14</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:15</td></tr><tr><td>Control Test</td><td>0.049</td><td>07:16</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:16</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0487</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.1863</td><td></td></tr></table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:12	Control Test	0.049	07:13	Air Blank	0.000	07:14	Control Test	0.048	07:14	Air Blank	0.000	07:15	Control Test	0.049	07:16	Air Blank	0.000	07:16	Control Test Stats			Average	0.0487		Std Dev	0.0006		Rel Std Dev(%)	1.1863		<p>EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001360 12/08/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:18</td></tr><tr><td>Control Test</td><td>0.077</td><td>07:19</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:19</td></tr><tr><td>Control Test</td><td>0.077</td><td>07:20</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:21</td></tr><tr><td>Control Test</td><td>0.076</td><td>07:21</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:22</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0767</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7531</td><td></td></tr></table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:18	Control Test	0.077	07:19	Air Blank	0.000	07:19	Control Test	0.077	07:20	Air Blank	0.000	07:21	Control Test	0.076	07:21	Air Blank	0.000	07:22	Control Test Stats			Average	0.0767		Std Dev	0.0006		Rel Std Dev(%)	0.7531		<p>EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001360 12/08/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:27</td></tr><tr><td>Control Test</td><td>0.193</td><td>07:28</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:28</td></tr><tr><td>Control Test</td><td>0.193</td><td>07:29</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:30</td></tr><tr><td>Control Test</td><td>0.194</td><td>07:30</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:31</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.1933</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2986</td><td></td></tr></table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:27	Control Test	0.193	07:28	Air Blank	0.000	07:28	Control Test	0.193	07:29	Air Blank	0.000	07:30	Control Test	0.194	07:30	Air Blank	0.000	07:31	Control Test Stats			Average	0.1933		Std Dev	0.0006		Rel Std Dev(%)	0.2986		<p>EVERGLADES NAT PARK Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001360 12/08/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:32</td></tr><tr><td>Control Test</td><td>0.080</td><td>07:32</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:33</td></tr><tr><td>Control Test</td><td>0.079</td><td>07:33</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:34</td></tr><tr><td>Control Test</td><td>0.080</td><td>07:34</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:35</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0797</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7247</td><td></td></tr></table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:32	Control Test	0.080	07:32	Air Blank	0.000	07:33	Control Test	0.079	07:33	Air Blank	0.000	07:34	Control Test	0.080	07:34	Air Blank	0.000	07:35	Control Test Stats			Average	0.0797		Std Dev	0.0006		Rel Std Dev(%)	0.7247	
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Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: EVERGLADES NAT PARK

Time of Inspection: 06:48

Date of Inspection: 12/08/2022

Serial Number: 80-001360

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:

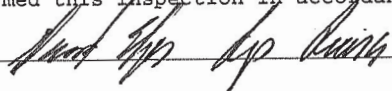
Number of Simulators Used: _____

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.

 _____
Signature and Printed Name

DAVID E REYES-RIVERA

12/08/2022
Date