



County Sheriff's Office

Agency Indian River Sheriff's Office

BS 11/29/2023

S/N 80-001328

Date In 11-20-2023 DI Completion Date 11/29/2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake		By ALL		Quality Checks		By BS		Date 11/28/2023		Flow Calibration		By BS		Date 11/28/2023														
☒ Annual ☐ Registration ☐ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☒ Power cord ☐ Printer Cable ☒ Static Bag ☐ 12V DC Cable Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____				☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>140</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.140</u> (.139 - .169) 36 mm <u>0.152</u> (.156 - .190) 53 mm <u>0.222</u> (.228 - .278) 103 mm <u>0.472</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28427</u> ☒ Stability Checks				Flow Column # <u>ATP-103</u> ☒ 5L/min – 17mm ☒ 15L/min – 53mm ☒ 30L/min – 103mm ☒ R-Value <u>141</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.156</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.250</u> (.228 - .278) 103 mm <u>0.527</u> (.447 - .547)																				
				<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td rowspan="2">0.050</td> <td rowspan="2">MP5088</td> <td>202303K</td> </tr> <tr> <td>3/29/2025</td> </tr> <tr> <td rowspan="2">0.080</td> <td rowspan="2">MP5089</td> <td>202303L</td> </tr> <tr> <td>3/29/2025</td> </tr> <tr> <td rowspan="2">0.200</td> <td rowspan="2">MP5090</td> <td>202304C</td> </tr> <tr> <td>4/5/2025</td> </tr> <tr> <td rowspan="2">0.080 DGS</td> <td rowspan="2">N/A</td> <td>AG325603</td> </tr> <tr> <td>9/13/2025</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.050	MP5088	202303K	3/29/2025	0.080	MP5089	202303L	3/29/2025	0.200	MP5090	202304C	4/5/2025	0.080 DGS	N/A	AG325603	9/13/2025			Maintenance By BS ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Tape on end of breath tube was peeling, added additional electrical tape to reinforce it. (BS 11/30/2023)</u> _____ _____ _____ _____	
Simulator	Serial #	Lot #/Exp																										
0.050	MP5088	202303K																										
		3/29/2025																										
0.080	MP5089	202303L																										
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0.200	MP5090	202304C																										
		4/5/2025																										
0.080 DGS	N/A	AG325603																										
		9/13/2025																										

Calibration Adjustment				By <u>BS</u>	
Barometric Pressure Gauge <u>1023</u>		ID # <u>30793</u>			
Simulator	Serial #	Lot #	Expiration		
0.000	MP6294	N/A	N/A		
0.040	MP6295	22460	12/28/2024		
0.100	MP6296	22430	11/30/2024		
0.200	MP6297	23340	9/18/2025		
0.300	MP6298	23070	3/6/2025		
0.080 DGS	N/A	06723080A5	4/5/2025		
☒ Post Calibration Adjustment Stability Checks					
Simulator	Serial #	Lot #	Expiration		
0.050	MP5088	202303K	3/29/2025		
0.080	MP5089	202303L	3/29/2025		
0.200	MP5090	202304C	4/5/2025		
0.080 DGS	N/A	AG325603	9/13/2025		
Notes/Suggested Service: <u>In quality check, the barometric pressure gauge read 1022, while the instrument's barometric pressure read 1010. A 1.17% difference requires an optical bench calibration adjustment. (BS 11/29/2023)</u> <u>Tech Review: Corrected agency title, added initials to remarks (BS 11/29/2023)</u> <u>Tech Review: Added maintenance note. (BS 11/30/2023)</u>					

Department Inspection		By <u>BS</u>	
Barometric Pressure ID# <u>28427</u>			
Gauge <u>1022</u>	Instrument <u>1023</u>		
Mouth Alcohol Solution Lot # <u>2022-A</u>			
Acetone Stock Solution Lot # <u>2023-B</u>			
Simulator	Serial Number		
0.000	MP5086		
Interferent	MP5087		
0.050	MP5088		
0.080	MP5089		
0.200	MP5090		
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			
Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2023.12.04 13:16:28 -05'00'		Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.12.06 15:22:49 -05'00'	
Tech Review / Date _____		Admin Review / Date _____	

Stability Checks and Flow Calibration Adjustment

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:36
Control Test	0.052	11:37
Air Blank	0.000	11:37
Control Test	0.052	11:38
Air Blank	0.000	11:38
Control Test	0.052	11:39
Air Blank	0.000	11:40
Control Test Stats		
Average	0.0520	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Benjamin Solley
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:40
Control Test	0.081	11:41
Air Blank	0.000	11:42
Control Test	0.080	11:42
Air Blank	0.000	11:43
Control Test	0.081	11:44
Air Blank	0.000	11:44
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Benjamin Solley
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:47
Control Test	0.200	11:47
Air Blank	0.000	11:48
Control Test	0.200	11:48
Air Blank	0.000	11:49
Control Test	0.200	11:50
Air Blank	0.000	11:50
Control Test Stats		
Average	0.2000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Benjamin Solley
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:31
Control Test	0.080	11:31
Air Blank	0.000	11:32
Control Test	0.079	11:32
Air Blank	0.000	11:32
Control Test	0.080	11:33
Air Blank	0.000	11:33
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

Benjamin Solley
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff) = 5.742
2: Rate (Liters/min) = 15
SQRT(Diff) = 9.949
3: Rate (Liters/min) = 30
SQRT(Diff) = 17.434
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 829
Rounded Intercept = -677129
Correlation = 0.99897

Benjamin Solley

Optical Bench Calibration Adjustment

INDIAN RIVER CO. SO
Intoxilizer - Alcohol Analyzer
Model 8000
SN 80-001328
11/28/2023 11:51:53

Auto Calibration
Max Power Res Value = 21
Auto Range Res Value = 9

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12764, Sum Io = 13517
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1850 (0.0030)
Sample #2 = 0.1580 (0.0470)
Sample #3 = 0.1500 (0.0530)
Sample #4 = 0.1730 (0.0620)
Avg % Abs = 0.1683 (0.0540)
STD DEV = 0.0117 (0.0075)
REL STD DEV = 7.282 (13.981)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1660 (-0.0020)
Sample #2 = 0.1460 (0.0160)
Sample #3 = 0.1420 (0.0200)
Sample #4 = 0.1640 (0.0200)
Avg % Abs = 0.1507 (0.0187)
STD DEV = 0.0117 (0.0023)
REL STD DEV = 7.778 (12.372)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12749, Sum Io = 13510
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8750 (-0.0210)
Sample #2 = 0.8970 (-0.0110)
Sample #3 = 0.8980 (0.0200)
Sample #4 = 0.9010 (-0.0180)
Avg % Abs = 0.8987 (-0.0163)
STD DEV = 0.0021 (0.0047)
REL STD DEV = 0.232 (28.934)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5960 (-0.0050)
Sample #2 = 1.5910 (-0.0070)
Sample #3 = 1.5940 (-0.0230)
Sample #4 = 1.5950 (-0.0110)
Avg % Abs = 1.5933 (-0.0137)
STD DEV = 0.0021 (0.0083)
REL STD DEV = 0.131 (60.927)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12757, Sum Io = 13514
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9970 (-0.0300)
Sample #2 = 1.9850 (0.0080)
Sample #3 = 2.0080 (-0.0170)
Sample #4 = 2.0130 (-0.0020)
Avg % Abs = 2.0020 (-0.0037)
STD DEV = 0.0149 (0.0126)
REL STD DEV = 0.746 (343.174)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6680 (-0.0110)
Sample #2 = 3.6720 (0.0000)
Sample #3 = 3.6790 (-0.0090)
Sample #4 = 3.6840 (-0.0070)
Avg % Abs = 3.6783 (-0.0053)
STD DEV = 0.0060 (0.0047)
REL STD DEV = 0.164 (88.609)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12747, Sum Io = 13508
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7470 (-0.0190)
Sample #2 = 3.7260 (-0.0080)
Sample #3 = 3.7040 (0.0140)
Sample #4 = 3.7330 (-0.0070)
Avg % Abs = 3.7210 (-0.0003)
STD DEV = 0.0151 (0.0124)
REL STD DEV = 0.407 (3726.928)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.9080 (-0.0190)
Sample #2 = 6.8940 (-0.0170)
Sample #3 = 6.8950 (0.0040)
Sample #4 = 6.9060 (-0.0120)
Avg % Abs = 6.8950 (-0.0083)
STD DEV = 0.0105 (0.0110)
REL STD DEV = 0.153 (131.636)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12752, Sum Io = 13513
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.4360 (0.0060)
Sample #2 = 5.4730 (0.0000)
Sample #3 = 5.4510 (0.0270)
Sample #4 = 5.4720 (0.0090)
Avg % Abs = 5.4653 (0.0120)
STD DEV = 0.0124 (0.0137)
REL STD DEV = 0.227 (114.564)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 10.0470 (-0.0010)
Sample #2 = 10.0830 (0.0030)
Sample #3 = 10.0490 (0.0220)
Sample #4 = 10.0690 (0.0040)
Avg % Abs = 10.0737 (0.0097)
STD DEV = 0.0215 (0.0107)
REL STD DEV = 0.214 (110.614)

***** AUTO CAL DATA *****
<<<< CHANNEL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.160
Std Dev = 0.01 Rel Std Dev = 7.28
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.899
Std Dev = 0.00 Rel Std Dev = 0.23
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.002
Std Dev = 0.01 Rel Std Dev = 0.75
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.721
Std Dev = 0.02 Rel Std Dev = 0.41
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.465
Std Dev = 0.01 Rel Std Dev = 0.23
Zero Order Coef = -432.33
First Order Coef = 2581.16
Second Order Coef = 21.11
Standard Deviation = 43.500965

<<<< CHANNEL 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.151
Std Dev = 0.01 Rel Std Dev = 7.78
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.583
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.678
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.895
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.074
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -223.23
First Order Coef = 1325.34
Second Order Coef = 11.60
Standard Deviation = 40.523860

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

***** CHANNEL 1 *****
Sample #1 = 3062.00
Sample #2 = 3031.00
Sample #3 = 3145.00
Sample #4 = 3087.00
Average Result = 3087.6667
STD DEV = 57.0029
REL STD DEV = 1.846

***** CHANNEL 2 *****
Sample #1 = 3434.00
Sample #2 = 3444.00
Sample #3 = 3478.00
Sample #4 = 3449.00
Average Result = 3457.0000
STD DEV = 18.3576
REL STD DEV = 0.531

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1021
3 um H2O Adjust (mg/l*10,000) = 722
9 um H2O Adjust (mg/l*10,000) = 352
**** AUTO CAL PASS

Benjamin S. Wiley

Post Calibration Adjustment Stability Checks

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:55
Control Test	0.050	12:56
Air Blank	0.000	12:56
Control Test	0.049	12:57
Air Blank	0.000	12:58
Control Test	0.049	12:58
Air Blank	0.000	12:59
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Benjamin S. Sledge
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:00
Control Test	0.078	13:01
Air Blank	0.000	13:02
Control Test	0.078	13:02
Air Blank	0.000	13:03
Control Test	0.078	13:03
Air Blank	0.000	13:04
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Benjamin S. Sledge
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:06
Control Test	0.196	13:07
Air Blank	0.000	13:07
Control Test	0.197	13:08
Air Blank	0.000	13:08
Control Test	0.196	13:09
Air Blank	0.000	13:10
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

Benjamin S. Sledge
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
11/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:50
Control Test	0.079	12:51
Air Blank	0.000	12:51
Control Test	0.078	12:52
Air Blank	0.000	12:52
Control Test	0.078	12:52
Air Blank	0.000	12:53
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

Benjamin S. Sledge
Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: INDIAN RIVER CO. SO
Time of Inspection: 10:49

Date of Inspection: 11/29/2023

Serial Number: 80-001328
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG325603 Exp: 09/13/2025
0.000	0.048	0.078	0.196	0.078
0.000	0.048	0.078	0.197	0.079
0.000	0.048	0.078	0.196	0.078
0.000	0.048	0.077	0.196	0.079
0.000	0.048	0.077	0.196	0.079
0.000	0.048	0.077	0.196	0.079
0.000	0.049	0.078	0.196	0.078
0.000	0.048	0.077	0.197	0.078
0.000	0.048	0.077	0.197	0.079
0.000	0.049	0.078	0.196	0.079

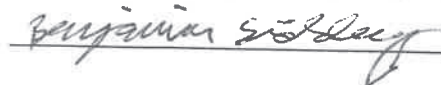
Standard Deviations	0.0004	0.0005	0.0004	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.



BENJAMIN W SIDDOWAY
Signature and Printed Name

11/29/2023
Date



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 80-001328 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001328</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>INDIAN RIVER CO. SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>11/29/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>10:49</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. The supplier of dry gas standard controls is Benjamin Siddoway. This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

Benjamin
Siddoway
Digitally signed by
Benjamin Siddoway
Date: 2023.11.29 11:13:58
-05'00'

11/29/2023

Date

BENJAMIN W SIDDOWAY,
Department Inspector

FDLE/ATP Form 69 March 2022
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality



INSTRUMENT PROCESSING SHEET

Agency Indian River County Sheriff's OfficeS/N 80-001328Florida Department of
Law EnforcementDate In 05-12-2023 DI Completion Date 05-15-2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date <u>05-15-2023</u>	Flow Calibration	By IS	Date <u>05-15-2023</u>																																																																				
☒ Annual ☐ Registration ☐ Return from CMI / EE Visual Inspection: ☒ Case ☐ Handle ☒ Keyboard ☐ Dry Gas Shelf ☒ Feet ☐ Breath Tube ☒ Ports ☐ Screws Tight Other Equipment/ Accessories: ☒ Power cord ☐ Printer Cable ☒ Static Bag ☐ 12V DC Cable Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>145</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>0.132</u> (.139 - .169) 36 mm <u>0.152</u> (.156 - .190) 53 mm <u>0.218</u> (.228 - .278) 103 mm <u>0.457</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28662</u> ☒ Stability Checks			☒ Flow Column # <u>ATP-102</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>146</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>0.140</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547)																																																																						
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Notes/Suggested Service: _____ _____ _____ _____ _____ _____ _____ _____ _____				☒ 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 2023.05. <table border="1"><tbody><tr><td>Taylor Gutschow Tech Review / Date</td><td>Digitally signed by Taylor Gutschow Date: 2023.05.15 12:19:18 -04'00'</td><td> 15 13:01:47 Admin Review / Date</td></tr></tbody></table>				Taylor Gutschow Tech Review / Date	Digitally signed by Taylor Gutschow Date: 2023.05.15 12:19:18 -04'00'	 15 13:01:47 Admin Review / Date																																																																	
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DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

```
Serial Number: 80-001328
Software: 8100.27
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Flow Calibration Adjustment

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
05/15/2023
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 6.633

2: Rate (Liters/min) = 15

SQRT(Diff) = 10.859

3: Rate (Liters/min) = 30

SQRT(Diff) = 19.207

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 766

Rounded Intercept = -732739

Correlation = 0.99741

Handwritten signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
05/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:55
Control Test	0.049	08:56
Air Blank	0.000	08:56
Control Test	0.049	08:57
Air Blank	0.000	08:58
Control Test	0.049	08:58
Air Blank	0.000	08:59
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Handwritten signature
Operator's Signature

Stability

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
05/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:00
Control Test	0.078	09:01
Air Blank	0.000	09:01
Control Test	0.079	09:02
Air Blank	0.000	09:02
Control Test	0.079	09:03
Air Blank	0.000	09:04
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

wet

Handwritten signature
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
05/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:06
Control Test	0.200	09:07
Air Blank	0.000	09:07
Control Test	0.200	09:08
Air Blank	0.000	09:09
Control Test	0.201	09:09
Air Blank	0.000	09:10
Control Test Stats		
Average	0.2003	
Std Dev	0.0006	
Rel Std Dev(%)	0.2882	

Handwritten signature
Operator's Signature

INDIAN RIVER CO. SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001328
05/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:12
Control Test	0.078	09:13
Air Blank	0.000	09:13
Control Test	0.078	09:14
Air Blank	0.000	09:14
Control Test	0.078	09:14
Air Blank	0.000	09:15
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Handwritten signature
Operator's Signature



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 80-001328, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001328</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>INDIAN RIVER CO. SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>05/15/2023</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.

Israel Soto
Soto
Date: 2023.05.15 11:56:09
-04'00'

05/15/2023

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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