







INSTRUMENT PROCESSING SHEET

Agency Miami Gardens PDS/N 80-002988Florida Department of
Law EnforcementDate In 08/21/2023 DI Completion Date 08/21/2023 ☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>08/21/2023</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 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>179</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.164</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>26932</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 TDG _____				Department Inspection By TDG _____																															
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Benjamin Siddoway Digitally signed by Benjamin Siddoway Date: 2023.08.21 14:09:26 -04'00'				Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.08.21 14:09:15 -04'00'																															
Tech Review / Date _____				Admin Review / Date _____																															

Stability Checks

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MIMI GARDENS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
08/21/2023
10:09:15
SN 60-002988

Auto Calibration
Max Power Res Value = 25
Auto Range Res Value = 13

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12598, 9um Io = 13316
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0790 (-0.0160)
Sample #2 = 0.0770 (-0.0020)
Sample #3 = 0.0390 (-0.0340)
Sample #4 = 0.0730 (-0.0480)
Avg % Abs = 0.0630 (-0.0280)
STD DEV = 0.0209 (-0.0236)
REL STD DEV = 33.144 (84.213)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0970 (-0.0030)
Sample #2 = 0.1050 (-0.0180)
Sample #3 = 0.1000 (-0.0110)
Sample #4 = 0.1370 (-0.0000)
Avg % Abs = 0.1140 (-0.0097)
STD DEV = 0.0201 (-0.0091)
REL STD DEV = 17.610 (93.667)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12583, 9um Io = 13309
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8390 (-0.0210)
Sample #2 = 0.8240 (-0.0140)
Sample #3 = 0.8200 (-0.0020)
Sample #4 = 0.8170 (-0.0100)
Avg % Abs = 0.8203 (-0.0087)
STD DEV = 0.0035 (-0.0061)
REL STD DEV = 0.428 (70.501)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5030 (-0.0010)
Sample #2 = 1.5190 (-0.0120)
Sample #3 = 1.5160 (-0.0090)
Sample #4 = 1.4910 (-0.0010)
Avg % Abs = 1.5087 (-0.0007)
STD DEV = 0.0154 (-0.0166)
REL STD DEV = 1.019 (1589.811)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12580, 9um Io = 13307
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9430 (-0.0120)
Sample #2 = 1.9300 (-0.0070)
Sample #3 = 1.9280 (-0.0030)
Sample #4 = 1.9360 (-0.0190)
Avg % Abs = 1.9313 (-0.0050)
STD DEV = 0.0042 (-0.0131)
REL STD DEV = 0.216 (262.298)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5580 (-0.0040)
Sample #2 = 3.5660 (-0.0020)
Sample #3 = 3.5680 (-0.0070)
Sample #4 = 3.5720 (-0.0050)
Avg % Abs = 3.5687 (-0.0013)
STD DEV = 0.0031 (-0.0060)
REL STD DEV = 0.066 (452.078)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12572, 9um Io = 13300
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7510 (-0.0370)
Sample #2 = 3.7350 (-0.0320)
Sample #3 = 3.7260 (-0.0260)
Sample #4 = 3.7130 (-0.0070)
Avg % Abs = 3.7247 (-0.0217)
STD DEV = 0.0111 (-0.0131)
REL STD DEV = 0.297 (50.236)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.8350 (-0.0080)
Sample #2 = 6.8380 (-0.0140)
Sample #3 = 6.8290 (-0.0000)
Sample #4 = 6.8300 (-0.0040)
Avg % Abs = 6.8323 (-0.0033)
STD DEV = 0.0049 (-0.0095)
REL STD DEV = 0.072 (283.549)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12571, 9um Io = 13301
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.4880 (-0.0240)
Sample #2 = 5.4870 (-0.0150)
Sample #3 = 5.4800 (-0.0080)
Sample #4 = 5.4890 (-0.0150)
Avg % Abs = 5.4853 (-0.0027)
STD DEV = 0.0047 (-0.0157)
REL STD DEV = 0.086 (588.563)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.9320 (-0.0190)
Sample #2 = 9.9190 (-0.0000)
Sample #3 = 9.9190 (-0.0050)
Sample #4 = 9.8980 (-0.0110)
Avg % Abs = 9.9087 (-0.0053)
STD DEV = 0.0105 (-0.0055)
REL STD DEV = 0.106 (103.267)

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.053
Std Dev = 0.02 Rel Std Dev = 33.14
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.820
Std Dev = 0.00 Rel Std Dev = 0.43
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.931
Std Dev = 0.00 Rel Std Dev = 0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.725
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.485
Std Dev = 0.00 Rel Std Dev = 0.09
Zero Order Coef = -167.19
First Order Coef = 2516.29
Second Order Coef = 21.80
Standard Deviation = 11.849469

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.114
Std Dev = 0.02 Rel Std Dev = 17.61
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.509
Std Dev = 0.02 Rel Std Dev = 1.02
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.569
Std Dev = 0.00 Rel Std Dev = 0.09
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.832
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.909
Std Dev = 0.01 Rel Std Dev = 0.11
Zero Order Coef = -141.78
First Order Coef = 1327.81
Second Order Coef = 12.90
Standard Deviation = 9.774673

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.000
Std Dev = 0.02 Rel Std Dev = 0.07
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.017
Std Dev = 0.00 Rel Std Dev = 0.0003
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 0.0003
Std Dev = 0.00 Rel Std Dev = 0.0001
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 0.0001
Std Dev = 0.00 Rel Std Dev = 0.0001
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 0.0001
Std Dev = 0.00 Rel Std Dev = 0.0001

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0002
0.040 0.040 0.0003
0.100 0.100 0.0000
0.200 0.200 -0.0002
0.300 0.300 0.0001

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
<<<<< CHANNEL 1 >>>>>
Sample #1 = 3380.00
Sample #2 = 3302.00
Sample #3 = 3332.00
Sample #4 = 3351.00
Average Result = 3328.3333
STD DEV = 24.7049
REL STD DEV = 0.742

***** CHANNEL 2 *****
Sample #1 = 3387.00
Sample #2 = 3354.00
Sample #3 = 3373.00
Sample #4 = 3396.00
Average Result = 3374.3333
STD DEV = 21.0317
REL STD DEV = 0.623

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 481
9 um H2O Adjust (mg/l*10,000) = 435
***** AUTO CAL PASS *****

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0002
0.040 0.040 -0.0001
0.100 0.100 -0.0003
0.200 0.200 0.0003
0.300 0.300 -0.0001

Post-Cal Stability Checks

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	≤0.003 of Wet	≤0.003 of Wet	≤0.003 of Wet
✓	✓	✓	✓
<p>MIAMI GARDENS PD Intoxilyzer - Alconol Analyzer Model: 8000 08/21/2023 Software: 8100.27</p> <p>SN 85-002968</p> <p>Time</p> <p>g/210L</p> <p>Test</p> <p>Air Blank 0.000 11:32</p> <p>Control Test 0.049 11:33</p> <p>Air Blank 0.000 11:33</p> <p>Control Test 0.049 11:34</p> <p>Air Blank 0.000 11:35</p> <p>Control Test 0.049 11:35</p> <p>Air Blank 0.000 11:35</p> <p>Control Test Stats</p> <p>Average 0.0490</p> <p>Std Dev 0.0000</p> <p>Rel. Std Dev(%) 0.0000</p>	<p>MIAMI GARDENS PD Intoxilyzer - Alconol Analyzer Model: 8000 08/21/2023 Software: 8100.27</p> <p>SN 80-002968</p> <p>Time</p> <p>g/210L</p> <p>Test</p> <p>Air Blank 0.000 12:00</p> <p>Control Test 0.078 12:01</p> <p>Air Blank 0.000 12:01</p> <p>Control Test 0.078 12:02</p> <p>Air Blank 0.000 12:03</p> <p>Control Test 0.078 12:03</p> <p>Air Blank 0.000 12:04</p> <p>Control Test Stats</p> <p>Average 0.0780</p> <p>Std Dev 0.0000</p> <p>Rel. Std Dev(%) 0.0000</p>	<p>MIAMI GARDENS PD Intoxilyzer - Alconol Analyzer Model: 8000 08/21/2023 Software: 8100.27</p> <p>SN 85-002968</p> <p>Time</p> <p>g/210L</p> <p>Test</p> <p>Air Blank 0.000 11:47</p> <p>Control Test 0.199 11:48</p> <p>Air Blank 0.000 11:49</p> <p>Control Test 0.199 11:49</p> <p>Air Blank 0.000 11:50</p> <p>Control Test 0.198 11:51</p> <p>Air Blank 0.000 11:51</p> <p>Control Test Stats</p> <p>Average 0.1987</p> <p>Std Dev 0.0006</p> <p>Rel. Std Dev(%) 0.2906</p>	<p>MIAMI GARDENS PD Intoxilyzer - Alconol Analyzer Model: 8000 08/21/2023 Software: 8100.27</p> <p>SN 85-002968</p> <p>Time</p> <p>g/210L</p> <p>Test</p> <p>Air Blank 0.000 11:37</p> <p>Control Test 0.079 11:37</p> <p>Air Blank 0.000 11:37</p> <p>Control Test 0.078 11:38</p> <p>Air Blank 0.000 11:38</p> <p>Control Test 0.078 11:39</p> <p>Air Blank 0.000 11:39</p> <p>Control Test Stats</p> <p>Average 0.0783</p> <p>Std Dev 0.0006</p> <p>Rel. Std Dev(%) 0.7370</p>
<p>Operator's Signature</p> <p>MG</p>	<p>Operator's Signature</p> <p>MG</p>	<p>Operator's Signature</p> <p>MG</p>	<p>Operator's Signature</p> <p>MG</p>

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI GARDENS PD
Time of Inspection: 13:42

Date of Inspection: 08/21/2023

Serial Number: 80-002988
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#:AG223802 Exp: 08/26/2024
0.000	0.050	0.077	0.199	0.078
0.000	0.049	0.077	0.199	0.078
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.077	0.199	0.079
0.000	0.049	0.077	0.199	0.078
0.000	0.049	0.077	0.198	0.078
0.000	0.050	0.077	0.199	0.079
0.000	0.049	0.077	0.199	0.079
0.000	0.050	0.078	0.199	0.078

Standard Deviations	0.0004	0.0004	0.0003	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.

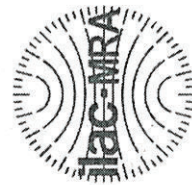
I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



TAYLOR D GUTSCHOW

Signature and Printed Name

08/21/2023
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 80-002988, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-002988</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>MIAMI GARDENS PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>08/21/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:42</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.

08/21/2023

Date


TAYLOR D GUTSCHOW,

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Department Inspector

Service • Integrity • Respect • Quality