

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006634	Manatee CSO	05/30/2023	TDG MK

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
✓	✓	✓	✓
<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/30/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:46 Control Test 0.049 11:46 Air Blank 0.000 11:47 Control Test 0.049 11:48 Air Blank 0.000 11:49 Control Test 0.050 11:49 Control Test Stats Average 0.0493 Std Dev 0.0006 Rel Std Dev(%) 1.1703</p> <p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/30/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:53 Control Test 0.079 11:52 Air Blank 0.000 11:54 Control Test 0.078 11:55 Air Blank 0.000 11:56 Control Test 0.078 11:56 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370</p> <p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/30/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:00 Control Test 0.201 12:00 Air Blank 0.000 12:01 Control Test 0.199 12:02 Air Blank 0.000 12:02 Control Test 0.199 12:03 Air Blank 0.000 12:03 Control Test Stats Average 0.1997 Std Dev 0.0012 Rel Std Dev(%) 0.5783</p> <p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/30/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:05 Control Test 0.081 11:05 Air Blank 0.000 11:06 Control Test 0.081 11:06 Air Blank 0.000 11:07 Control Test 0.081 11:07 Control Test Stats Average 0.0810 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p>	<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/30/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:05 Control Test 0.081 11:05 Air Blank 0.000 11:06 Control Test 0.081 11:06 Air Blank 0.000 11:07 Control Test 0.081 11:07 Control Test Stats Average 0.0810 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p>	<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/30/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:05 Control Test 0.081 11:05 Air Blank 0.000 11:06 Control Test 0.081 11:06 Air Blank 0.000 11:07 Control Test 0.081 11:07 Control Test Stats Average 0.0810 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p>	<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/30/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:05 Control Test 0.081 11:05 Air Blank 0.000 11:06 Control Test 0.081 11:06 Air Blank 0.000 11:07 Control Test 0.081 11:07 Control Test Stats Average 0.0810 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p>
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

Comments:

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8100
06/01/2023
SN 80-106634
09:02:25

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7730	(0.0060)
Sample #2 =	6.7930	(0.0040)
Sample #3 =	6.7550	(0.0260)
Sample #4 =	6.7720	(0.0120)
Avg % Abs =	6.7733	(0.0140)
STD DEV =	0.0150	(0.0111)
REL STD DEV =	0.281	(79.539)

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5520	(-0.0170)
Sample #2 =	1.5390	(-0.0100)
Sample #3 =	1.5520	(-0.0250)
Sample #4 =	1.5590	(-0.0220)
Avg % Abs =	1.5500	(-0.0190)
STD DEV =	0.0101	(0.0079)
REL STD DEV =	0.655	(41.775)

Auto Calibration
Max Power Res Value = 63
Auto Range Res Value = 42

Sol value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %22%
Samples Taken = 4, Discarded :
3um Io = 12412 9um Io = 12880

Sol value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12432, Sum Io = 12896

```

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/L 0.000%
Samples Taken = 4, Discarded = 1
Sum 10 = 12463, Sum 10 = 12911
<<<< CHANNEL 1 >>>>
Sample      % Abs      (% Abs Rel)
Sample #1 = 0.0710 (-0.007070)
Sample #2 = 0.1110 (0.1450)
Sample #3 = 0.0330 (0.0470)
Sample #4 = 0.0650 (0.1600)
Avg % Abs = 0.0363 (0.0507)
STD DEV = 0.0272 (0.0181)
REL STD DEV = 74.73% (16.07%)

```

```

3um Io = 12412, 9um Io = 12886
<<<< CHANNEL 1 >>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 4.9750 (-0.0050)
Sample #2 = 5.0180 (-0.0070)
Sample #3 = 4.9840 (-0.0240)
Sample #4 = 4.9740 (-0.0370)
Avg % Abs = 4.9820 (-0.0180)
STD DEV = 0.0231 (-0.0226)
REL STD DEV = 0.462 (125.585)

```

```

3um Io = 12432, 9um Io = 12896
<<<< CHANNEL 1 >>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 1.7770   [-0.0080]
Sample #2 = 1.7790   [0.0110]
Sample #3 = 1.7350   [0.0420]
Sample #4 = 1.7800   [0.0370]
Avg % Abs = 1.7647   [0.0300]
STD DEV = 0.0257   [0.0166]
REL STD DEV = 1.456   [55.478]

```

REL STD DEV = 74.735 (16.07%)

```

<<<< CHANNEL 2 >>>>
Sample      % Abs      (% Abs)
Sample #1 = 3.5800  (-0.0000)
Sample #2 = 3.5540  (0.0100)
Sample #3 = 3.5360  (0.0000)
Sample #4 = 3.5750  (0.0100)
Avg % Abs = 3.5657 (0.0117)
STD DEV = 0.0086 (0.0035)
REL STD DEV = 0.242 (30.102)

```

```

<<<< CHANNEL 2 >>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 9.8010 (0.0000)
Sample #2 = 9.8060 (0.0150)
Sample #3 = 9.7810 (0.0170)
Sample #4 = 9.7700 (0.0250)
Avg % Abs = 9.7857 (0.0157)
STD-DEV = 0.0184 (0.0101)
REL STD DEV = 0.189 (64.954)

```

STO DEU = 0.0146 [69.602]
BEI STO DEU = 9.184 [69.602]

```

601 Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum to = 12420, sum to = 12891

```

$$\|a\|_2 = 0.40 \quad 0.21 \quad 0.00$$

```
Sum Io = 12420, Sum Io = 12891
<<<< CHANNEL 1 >>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 3.3540      (-0.0030)
```

Optical Calibration

```

<<<< CHANNEL 1 >>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 0.7530      (-0.0140)
Sample #2 = 0.7290      (-0.0060)
Sample #3 = 0.7230      (0.0160)
Sample #4 = 0.7560      (0.0150)
Avg % Abs = 0.7360      (0.0083)
STD DEV = 0.0176      (0.0124)
REL STD DEV = 2.398      (149.177)

```

Sample #2 =	3.4410	(-0.01)
Sample #3 =	3.3860	(0.019)
Sample #4 =	3.4040	(0.009)
Avg % Abs =	3.4103	(0.0053)
STD DEV =	0.0280	(0.0158)
REL STD DEV =	0.822	(298.661)

Optical Calibration	
SN:	80-00 6634
Agency:	Marate CSD
Date:	06/01/2023
Quadratic Fit:	+/- 0.002g/210L
By:	TDG <i>W</i>

```

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% RPS = 0.036
Std Dev = 0.03 Rel Std Dev = 74.74

Sol Val = 0.1905 mg/l or 0.040 g/210L
% RPS = 0.736
Std Dev = 0.02 Rel Std Dev = 2.39

Sol Val = 0.4762 mg/l or 0.100 g/210L
% RPS = 1.765

```

Std Dev = 0.03	Rel Std Dev = 1.46
Sol Val = 0.9524	mg/l or 0.200 g/210L
% Abs = 3.410	
Std Dev = 0.03	Rel Std Dev = 0.82
Sol Val = 1.4286	mg/l or 0.300 g/210L
% Abs = 4.952	
Std Dev = 0.02	Rel Std Dev = 0.46
Zero Order Coef = -97.36	
First Order Coef = 2688.00	
Second Order Coef = 38.75	
Standard Deviation = 3.338815	

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % RDS = 0.159
 Std Dev = 0.01 Rel Std Dev = 9.18
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % RDS = 1.550
 Std Dev = 0.01 Rel Std Dev = 0.65
 Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs =	3.566		
Std Dev =	0.01	Rel Std Dev =	0.24
Sol Val =	0.9524	mg/l or	0.200 g/210L
% Abs =	6.173		
Std Dev =	0.02	Rel Std Dev =	0.28
Sol Val =	1.4286	mg/l or	0.300 g/210L
% Abs =	9.786		
Std Dev =	0.02	Rel Std Dev =	0.19
Zero Order Coef =	-210.52		
First Order Coef =	1342.00		
Second Order Coef =	14.21		
Standard Deviation =	5.415014		

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	0.0000	
	0.100	0.100	0.0001	
	0.200	0.200	-0.0002	
	0.300	0.300	0.0001	

```
Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/L %444
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3462.00
Sample #2 = 3473.00
Sample #3 = 3523.00
Sample #4 = 3420.00
Average Result = 3472.0000
STD DEV = 51.5173
REL STD DEV = 1.484
```

```
*****
***** CHANNEL 2
Sample #1 = 3345.00
Sample #2 = 3349.00
Sample #3 = 3326.00
Sample #4 = 3343.00
Average Result = 3339.3333
STD DEV = 11.9304
REL STD DEV = 0.357
```

```
*****
Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mg/L*10,000) = 337
9 um H2O Adjust (mg/L*10,000) = 470
**** AUTO CAL PASS
```


Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-006634	Manatee CSO	06/01/2023	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
✓	✓	✓	✓
<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:17</p> <p>Control Test 0.048 12:18</p> <p>Air Blank 0.000 12:19</p> <p>Control Test 0.049 12:19</p> <p>Air Blank 0.000 12:20</p> <p>Control Test 0.048 12:21</p> <p>Air Blank 0.000 12:21</p> <p>Control Test Stats</p> <p>Average 0.0483</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 1.1945</p>	<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:25</p> <p>Control Test 0.078 12:26</p> <p>Air Blank 0.000 12:26</p> <p>Control Test 0.078 12:27</p> <p>Air Blank 0.000 12:27</p> <p>Control Test 0.077 12:28</p> <p>Air Blank 0.000 12:28</p> <p>Control Test Stats</p> <p>Average 0.0777</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7434</p>	<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:48</p> <p>Control Test 0.198 11:49</p> <p>Air Blank 0.000 11:50</p> <p>Control Test 0.199 11:50</p> <p>Air Blank 0.000 11:51</p> <p>Control Test 0.199 11:51</p> <p>Air Blank 0.000 11:52</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>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:59</p> <p>Control Test 0.079 10:00</p> <p>Air Blank 0.000 10:00</p> <p>Control Test 0.078 10:00</p> <p>Air Blank 0.000 10:01</p> <p>Control Test 0.078 10:01</p> <p>Air Blank 0.000 10:02</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>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:17</p> <p>Control Test 0.048 12:18</p> <p>Air Blank 0.000 12:19</p> <p>Control Test 0.049 12:19</p> <p>Air Blank 0.000 12:20</p> <p>Control Test 0.048 12:21</p> <p>Air Blank 0.000 12:21</p> <p>Control Test Stats</p> <p>Average 0.0483</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 1.1945</p>	<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:25</p> <p>Control Test 0.078 12:26</p> <p>Air Blank 0.000 12:26</p> <p>Control Test 0.078 12:27</p> <p>Air Blank 0.000 12:27</p> <p>Control Test 0.077 12:28</p> <p>Air Blank 0.000 12:28</p> <p>Control Test Stats</p> <p>Average 0.0777</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7434</p>	<p>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:48</p> <p>Control Test 0.198 11:49</p> <p>Air Blank 0.000 11:50</p> <p>Control Test 0.199 11:50</p> <p>Air Blank 0.000 11:51</p> <p>Control Test 0.199 11:51</p> <p>Air Blank 0.000 11:52</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>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006634 06/01/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:59</p> <p>Control Test 0.079 10:00</p> <p>Air Blank 0.000 10:00</p> <p>Control Test 0.078 10:00</p> <p>Air Blank 0.000 10:01</p> <p>Control Test 0.078 10:01</p> <p>Air Blank 0.000 10:02</p> <p>Control Test Stats</p> <p>Average 0.0783</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7370</p>
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO
Time of Inspection: 14:52

Date of Inspection: 06/01/2023

Serial Number: 80-006634
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#:AG115904 Exp: 06/08/2023
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.200	0.077
0.000	0.049	0.079	0.200	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.078

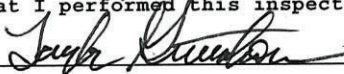
Standard Deviations	0.0000	0.0003	0.0005	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

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

TAYLOR D GUTSCHOW

06/01/2023
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 80-006634, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006634	UNCERTAINTY* \pm
Owning Agency:	MANATEE COUNTY SO	0.050 g/ 210 L 0.004
Calibration Date:	06/01/2023	0.080 g/ 210 L 0.004
Calibration Time:	14:52	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.

06/01/2023

Date

TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality