





## **Return Material Authorization**

**Ship to:** ☒ CMI, Inc.  
☐ Enforcement Electronics

Shipment to repair facility authorized by: Matthew Bowden on 01/11/2023

**Items Returned:** Instrument ☒ Supplies ☐ Other ☐ Describe: \_\_\_\_\_

Instrument Model: Intoxilyzer 8000 Serial Number: 80-000822

**Bill To Address:**

Lake CSO

Attn: Matthew Bowden

**Ship to Address:**

Florida Department of Law Enforcement

Fort Myers Regional Operations Center

Attn: Alcohol Testing Program

4700 Terminal Drive, Suite 1

Fort Myers, FL 33907

**Reason for Return:**

Instrument just came back from repair (work order 406911) and had difficulties powering on at  
FDLE. A few times, it would not even turn on at all when the Start Test button was pushed. A  
few times, it would shut off midway through the startup. Finally, it powered on. Instrument was  
inspected and uploaded. Sending back for evaluation. Previously, instrument was erroneously  
sent to Tallahassee FDLE. Please ship to Fort Myers FDLE after evaluation.

**Please choose one of the following options:**

- ☐ 1. I \_\_\_\_\_, authorize all repairs.
- ☐ 2. I \_\_\_\_\_, authorize repairs up to \$\_\_\_\_\_.
- ☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Matthew Bowden

Phone #: 352-267-3292 Email: Matthew.Bowden@lcso.org

ATP Contact Name: Taylor Gutschow ATP Email: TaylorGutschow@fdle.state.fl.us

# Flow Calibration

80-000822

01/11/2023

MB

LAKE COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000822  
01/11/2023  
Software: 8100.27

## Flow Rate Calibration\*\*\*\*\*

- 1: Rate (Liters/min) = 5  
SQRT(Diff) = 6.926
- 2: Rate (Liters/min) = 15  
SQRT(Diff) = 11.617
- 3: Rate (Liters/min) = 30  
SQRT(Diff) = 21.070

Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 680  
Rounded Intercept = -632688  
Correlation = 0.99704

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000822	Lake CSD	01/11/2023	TDG <i>ML</i>

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>LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 01/11/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:59</p> <p>Control Test 0.048 13:00</p> <p>Air Blank 0.000 13:00</p> <p>Control Test 0.048 13:01</p> <p>Air Blank 0.000 13:02</p> <p>Control Test 0.049 13:02</p> <p>Air Blank 0.000 13:03</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>Operator's Signature <i>ML</i></p>	<p>LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 01/11/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 13:12</p> <p>Control Test 0.078 13:13</p> <p>Air Blank 0.000 13:13</p> <p>Control Test 0.078 13:14</p> <p>Air Blank 0.000 13:14</p> <p>Control Test 0.077 13:15</p> <p>Air Blank 0.000 13:16</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>Operator's Signature <i>ML</i></p>	<p>LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 01/11/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 13:20</p> <p>Control Test 0.199 13:21</p> <p>Air Blank 0.000 13:22</p> <p>Control Test 0.198 13:22</p> <p>Air Blank 0.000 13:23</p> <p>Control Test 0.197 13:24</p> <p>Air Blank 0.000 13:24</p> <p>Control Test Stats</p> <p>Average 0.1980</p> <p>Std Dev 0.0010</p> <p>Rel Std Dev(%) 0.5051</p> <p>Operator's Signature <i>ML</i></p>	<p>LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 01/11/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:35</p> <p>Control Test 0.079 12:35</p> <p>Air Blank 0.000 12:36</p> <p>Control Test 0.079 12:36</p> <p>Air Blank 0.000 12:37</p> <p>Control Test 0.079 12:37</p> <p>Air Blank 0.000 12:38</p> <p>Control Test Stats</p> <p>Average 0.0790</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p> <p>Operator's Signature <i>ML</i></p>

Comments:



# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKE COUNTY S.O.  
Time of Inspection: 15:18

Date of Inspection: 01/11/2023

Serial Number: 80-000822  
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	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.079	0.200	0.077
0.000	0.049	0.079	0.201	0.077
0.000	0.049	0.078	0.201	0.077
0.000	0.049	0.079	0.200	0.076
0.000	0.049	0.079	0.200	0.077
0.000	0.049	0.079	0.200	0.076

Standard Deviations	0.0000	0.0005	0.0004	0.0007
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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

01/11/2023  
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 80-000822, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000822</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>LAKE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/11/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:18</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.

01/11/2023

Date



TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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## INSTRUMENT PROCESSING SHEET

Agency Lake CSOS/N 80-000822Florida Department of  
Law EnforcementDate In 02/16/2023 DI Completion Date 02/23/2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>02/17/2023</u>	Flow Calibration	By	Date																																																														
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input checked="" 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>144</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.230</u> (.228 - .278) 103 mm <u>0.496</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>68639</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)																																																																
<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP5092</td><td>202201C 01/11/2024</td></tr><tr><td>0.080</td><td>MP5093</td><td>202201D 01/18/2024</td></tr><tr><td>0.200</td><td>MP5094</td><td>202201E 01/18/2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG223802 08/26/2024</td></tr></tbody></table>					Simulator	Serial #	Lot #/Exp	0.050	MP5092	202201C 01/11/2024	0.080	MP5093	202201D 01/18/2024	0.200	MP5094	202201E 01/18/2024	0.080 DGS	N/A	AG223802 08/26/2024	<b>Maintenance</b> By TDG _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input checked="" type="checkbox"/> Other <u>Replaced internal printer paper after optical cal adjust on 2/23</u> _____ _____ _____ _____																																																	
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<b>Calibration Adjustment</b> By TDG _____ Barometric Pressure Gauge <u>1023</u> ID # <u>28199</u> <table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.000</td><td>MP5099</td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td>MP5096</td><td>21410</td><td>09/30/2023</td></tr><tr><td>0.100</td><td>MP5098</td><td>22310</td><td>08/11/2024</td></tr><tr><td>0.200</td><td>MP5100</td><td>22050</td><td>02/07/2024</td></tr><tr><td>0.300</td><td>MP5101</td><td>22220</td><td>06/15/2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG115904</td><td>06/08/2023</td></tr></tbody></table> <input checked="" type="checkbox"/> Post Calibration Adjustment Stability Checks <table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.050</td><td>MP5092</td><td>202201C</td><td>01/11/2024</td></tr><tr><td>0.080</td><td>MP5093</td><td>202201D</td><td>01/18/2024</td></tr><tr><td>0.200</td><td>MP5094</td><td>202201E</td><td>01/18/2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG223802</td><td>08/26/2024</td></tr></tbody></table> Notes/Suggested Service: <u>Performed discretionary optical calibration adjustment after first Department Inspection due to the 0.08 DGS results. Repeated the Department Inspection using the same barometric pressure gauge, acetone, mouth alcohol, and simulators. (TDG)</u> _____ _____ _____					Simulator	Serial #	Lot #	Expiration	0.000	MP5099	N/A	N/A	0.040	MP5096	21410	09/30/2023	0.100	MP5098	22310	08/11/2024	0.200	MP5100	22050	02/07/2024	0.300	MP5101	22220	06/15/2024	0.080 DGS	N/A	AG115904	06/08/2023	Simulator	Serial #	Lot #	Expiration	0.050	MP5092	202201C	01/11/2024	0.080	MP5093	202201D	01/18/2024	0.200	MP5094	202201E	01/18/2024	0.080 DGS	N/A	AG223802	08/26/2024	<b>Department Inspection</b> By TDG _____ Barometric Pressure ID# <u>28663</u> Gauge <u>1019 / 1024</u> Instrument <u>1020 / 1023</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</u> <table border="1"><thead><tr><th>Simulator</th><th>Serial Number</th></tr></thead><tbody><tr><td>0.000</td><td>MP5095</td></tr><tr><td>Interferent</td><td>MP5097</td></tr><tr><td>0.050</td><td>MP5092</td></tr><tr><td>0.080</td><td>MP5093</td></tr><tr><td>0.200</td><td>MP5094</td></tr></tbody></table> <b>Attachments</b> <table border="1"><tbody><tr><td><input checked="" type="checkbox"/> Form 41 (x2) <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Calibration Certificate (x2) <input checked="" type="checkbox"/> Calibration Adjustment</td><td><input checked="" type="checkbox"/> Post-Stability Checks <input type="checkbox"/> Flow Calibration <input type="checkbox"/> Form 40 <input type="checkbox"/> Other _____</td></tr></tbody></table> <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  Israel Soto <small>Digitally signed by Israel Soto Date: 2023.02.24 07:59:01 +05'00'</small> Phil Nicodemo <small>Digitally signed by Phil Nicodemo Date: 2023.02.27 13:04:23 -05'00'</small>  Tech Review / Date _____ Admin Review / Date _____			Simulator	Serial Number	0.000	MP5095	Interferent	MP5097	0.050	MP5092	0.080	MP5093	0.200	MP5094	<input checked="" type="checkbox"/> Form 41 (x2) <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Calibration Certificate (x2) <input checked="" type="checkbox"/> Calibration Adjustment	<input checked="" type="checkbox"/> Post-Stability Checks <input type="checkbox"/> Flow Calibration <input type="checkbox"/> Form 40 <input type="checkbox"/> Other _____
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Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000822	Lake CSO	02/17/2023	TDG ML

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
LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/17/2023 Software: 8100.27	LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/17/2023 Software: 8100.27	LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/17/2023 Software: 8100.27	DGS LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/17/2023 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 11:14	Air Blank 0.000 11:29	Air Blank 0.000 11:37	Air Blank 0.000 11:42
Control Test 0.049 11:15	Control Test 0.078 11:30	Control Test 0.201 11:37	Control Test 0.078 11:43
Air Blank 0.000 11:15	Air Blank 0.000 11:30	Air Blank 0.000 11:38	Air Blank 0.000 11:43
Control Test 0.049 11:16	Control Test 0.077 11:31	Control Test 0.200 11:39	Control Test 0.077 11:44
Air Blank 0.000 11:16	Air Blank 0.000 11:31	Air Blank 0.000 11:39	Air Blank 0.000 11:44
Control Test 0.048 11:17	Control Test 0.078 11:32	Control Test 0.199 11:40	Control Test 0.078 11:44
Air Blank 0.000 11:18	Air Blank 0.000 11:33	Air Blank 0.000 11:41	Air Blank 0.000 11:45
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0487	Average 0.0777	Average 0.2000	Average 0.0777
Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0010	Std Dev 0.0006
Rel Std Dev(%) 1.1863	Rel Std Dev(%) 0.7434	Rel Std Dev(%) 0.5000	Rel Std Dev(%) 0.7434
ML Operator's Signature	ML Operator's Signature	ML Operator's Signature	ML Operator's Signature

Comments:



# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKE COUNTY S.O.  
Time of Inspection: 15:34

Date of Inspection: 02/17/2023

Serial Number: 80-000822  
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	0.048	0.077	0.199	0.077 / 0.077
0.000	0.048	0.078	0.199	0.077 / 0.077
0.000	0.048	0.077	0.199	0.076 / 0.077
0.000	0.048	0.078	0.199	0.076 / 0.077
0.000	0.048	0.077	0.199	0.075 / 0.076
0.000	0.048	0.078	0.199	0.076 / 0.077
0.000	0.048	0.078	0.199	0.075 / 0.076
0.000	0.048	0.078	0.199	0.075 / 0.076
0.000	0.048	0.077	0.199	0.074 / 0.075
0.000	0.048	0.078	0.199	0.075 / 0.076

Standard Deviations	0.0000	0.0005	0.0000	0.0009 / 0.0006
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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:**

08: Control Outside Tolerance.

Checked DGS attachment/connection and repeated. MG  
02/17/2023

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

02/17/2023  
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 80-000822, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000822</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>LAKE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/17/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:34</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.

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02/17/2023

Date

  
TAYLOR D GUTSCHOW,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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AKE COUNTY S.O.  
ntoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000822  
12/23/2023 09:17:56

Auto Calibration  
Max Power Res Value = 39  
Auto Range Res Value = 26

Sol Value = 0.000 g/210L \*\*\*  
Fit value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12725, 9um Io = 13605

Channel 1  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1310 (-0.0290)  
Sample #2 = 0.1050 (-0.0350)  
Sample #3 = 0.1010 (-0.0340)  
Sample #4 = 0.1210 (-0.0460)  
Avg % Abs = 0.1090 (-0.0383)  
STD DEV = 0.0106 (0.0067)  
REL STD DEV = 9.709 (17.370)

Channel 2  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1300 (-0.0200)  
Sample #2 = 0.1280 (-0.0180)  
Sample #3 = 0.1290 (-0.0270)  
Sample #4 = 0.1180 (-0.0110)  
Avg % Abs = 0.1250 (-0.0187)  
STD DEV = 0.0061 (0.0080)  
REL STD DEV = 4.866 (42.969)

Sol Value = 0.040 g/210L \*\*\*  
Fit value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12735, 9um Io = 13606

Channel 1  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.8870 (-0.0160)  
Sample #2 = 0.8450 (-0.0130)  
Sample #3 = 0.8570 (-0.0020)  
Sample #4 = 0.8450 (-0.0050)  
Avg % Abs = 0.8490 (-0.0067)  
STD DEV = 0.0069 (0.0057)  
REL STD DEV = 0.816 (85.294)

Channel 2  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.5430 (0.0020)  
Sample #2 = 1.5340 (0.0090)  
Sample #3 = 1.5170 (0.0190)  
Sample #4 = 1.5190 (0.0260)  
Avg % Abs = 1.5233 (0.0180)  
STD DEV = 0.0093 (0.0085)  
REL STD DEV = 0.610 (47.467)

Sol Value = 0.100 g/210L \*\*\*  
Fit value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12767, 9um Io = 13609

Channel 1  
Sample % Abs (% Abs Ref)  
Sample #1 = 2.0030 (-0.0140)  
Sample #2 = 1.9780 (-0.0050)  
Sample #3 = 1.9530 (-0.0030)  
Sample #4 = 1.9720 (0.0090)  
Avg % Abs = 1.9677 (0.0003)  
STD DEV = 0.0131 (0.0076)  
REL STD DEV = 0.663 (2271.564)

Channel 2  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.6090 (-0.0160)  
Sample #2 = 3.5850 (0.0080)  
Sample #3 = 3.5760 (0.0110)  
Sample #4 = 3.5680 (0.0120)  
Avg % Abs = 3.5763 (0.0103)  
STD DEV = 0.0085 (0.0021)  
REL STD DEV = 0.238 (20.145)

Sol Value = 0.200 g/210L \*\*\*  
Fit value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12768, 9um Io = 13610

Channel 1  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.7620 (-0.0110)  
Sample #2 = 3.7640 (0.0110)  
Sample #3 = 3.7580 (-0.0020)  
Sample #4 = 3.7650 (0.0100)  
Avg % Abs = 3.7623 (0.0063)  
STD DEV = 0.0038 (0.0072)  
REL STD DEV = 0.101 (114.224)

Channel 2  
Sample % Abs (% Abs Ref)  
Sample #1 = 6.9010 (-0.0150)  
Sample #2 = 6.8400 (0.0590)  
Sample #3 = 6.8250 (0.0590)  
Sample #4 = 6.8180 (0.0730)  
Avg % Abs = 6.8277 (0.0637)  
STD DEV = 0.0112 (0.0081)  
REL STD DEV = 0.165 (12.696)

Sol Value = 0.300 g/210L \*\*\*  
Fit value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12771, 9um Io = 13608

Channel 1  
Sample % Abs (% Abs Ref)  
Sample #1 = 5.5700 (-0.0190)  
Sample #2 = 5.4830 (0.0370)  
Sample #3 = 5.4800 (0.0400)  
Sample #4 = 5.5130 (0.0380)  
Avg % Abs = 5.4920 (0.0383)  
STD DEV = 0.0182 (0.0015)  
REL STD DEV = 0.332 (3.985)

Channel 2  
Sample % Abs (% Abs Ref)  
Sample #1 = 10.0160 (-0.0110)  
Sample #2 = 9.9160 (0.0850)  
Sample #3 = 9.8950 (0.0930)  
Sample #4 = 9.8970 (0.1010)  
Avg % Abs = 9.9027 (0.0930)  
STD DEV = 0.0116 (0.0080)  
REL STD DEV = 0.117 (8.602)

Optical Calibration	
SN:	80-000822
Agency:	Lake CSD
Date:	02/23/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG MB

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*

Channel 1

Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.109  
Std Dev = 0.01 Rel Std Dev = 9.71  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.849  
Std Dev = 0.01 Rel Std Dev = 0.82  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.968  
Std Dev = 0.01 Rel Std Dev = 0.66  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.762  
Std Dev = 0.00 Rel Std Dev = 0.10  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.492  
Std Dev = 0.02 Rel Std Dev = 0.33  
Zero Order Coef = -260.16  
First Order Coef = 2502.69  
Second Order Coef = 26.45  
Standard Deviation = 13.100966

Channel 2

Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.125  
Std Dev = 0.01 Rel Std Dev = 4.87  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.523  
Std Dev = 0.01 Rel Std Dev = 0.61  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.576  
Std Dev = 0.01 Rel Std Dev = 0.24  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.828  
Std Dev = 0.01 Rel Std Dev = 0.16  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.903  
Std Dev = 0.01 Rel Std Dev = 0.12  
Zero Order Coef = -161.09  
First Order Coef = 1330.73  
Second Order Coef = 12.92  
Standard Deviation = 5.519041

Solution Stats Quadratic Fit Chan 1  
Act Fit Residual  
g/210L g/210L g/210L  
0.000 0.000 -0.0003  
0.040 0.040 0.0004  
0.100 0.100 -0.0001  
0.200 0.200 -0.0001  
0.300 0.300 0.0001

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 0.0002  
0.100 0.100 -0.0000  
0.200 0.200 -0.0001  
0.300 0.300 0.0000

Sol Value = 0.080 g/210L \*\*\*  
Fit value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1  
\*\*\*\*\* CHANNEL 1  
Sample #1 = 2902.00  
Sample #2 = 2878.00  
Sample #3 = 2864.00  
Sample #4 = 2864.00  
Average Result = 2868.6667  
STD DEV = 8.0829  
REL STD DEV = 0.282

\*\*\*\*\*

\*\*\*\*\* CHANNEL 2

Sample #1 = 3278.00  
Sample #2 = 3316.00  
Sample #3 = 3327.00  
Sample #4 = 3320.00  
Average Result = 3321.0000  
STD DEV = 5.5678  
REL STD DEV = 0.168

\*\*\*\*\*

Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1023  
3 um H2O Adjust (mg/l\*10,000) = 941  
9 um H2O Adjust (mg/l\*10,000) = 488  
\*\*\*\* AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-00 0822	Lake CSO	02/23/2023	TDG MLC

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
LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/23/2023 Software: 8100.27	LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/23/2023 Software: 8100.27	LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/23/2023 Software: 8100.27	LAKE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000822 02/23/2023 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 10:55	Air Blank 0.000 11:04	Air Blank 0.000 11:23	Air Blank 0.000 11:28
Control Test 0.049 10:56	Control Test 0.078 11:05	Control Test 0.200 11:24	Control Test 0.079 11:28
Air Blank 0.000 10:56	Air Blank 0.000 11:05	Air Blank 0.000 11:24	Air Blank 0.000 11:29
Control Test 0.048 10:57	Control Test 0.078 11:06	Control Test 0.198 11:25	Control Test 0.080 11:29
Air Blank 0.000 10:58	Air Blank 0.000 11:06	Air Blank 0.000 11:26	Air Blank 0.000 11:30
Control Test 0.049 10:58	Control Test 0.078 11:07	Control Test 0.198 11:26	Control Test 0.079 11:30
Air Blank 0.000 10:59	Air Blank 0.000 11:08	Air Blank 0.000 11:27	Air Blank 0.000 11:31
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0487	Average 0.0780	Average 0.1987	Average 0.0793
Std Dev 0.0006	Std Dev 0.0000	Std Dev 0.0012	Std Dev 0.0006
Rel Std Dev(%) 1.1863	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.5812	Rel Std Dev(%) 0.7277
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: LAKE COUNTY S.O.  
Time of Inspection: 13:57

Date of Inspection: 02/23/2023

Serial Number: 80-000822  
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	0.048	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.078
0.000	0.048	0.079	0.199	0.078
0.000	0.048	0.078	0.199	0.077
0.000	0.048	0.078	0.199	0.077
0.000	0.048	0.078	0.198	0.077
0.000	0.049	0.078	0.199	0.077

Standard Deviations	0.0004	0.0003	0.0003	0.0009
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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

02/23/2023  
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 80-000822, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000822</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>LAKE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/23/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:57</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.

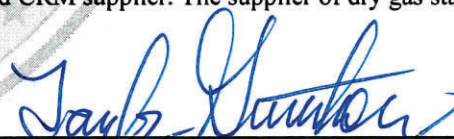
Simulator temperatures are traceable to NIST. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/IEC 17025 standards.

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.

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02/23/2023

Date

  
TAYLOR D GUTSCHOW,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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