



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 80-001439, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001439</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>06/16/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:05</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.
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FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

06/16/2022

Date


DAVID E REYES-RIVERA,
Department Inspector

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 09:05

Date of Inspection: 06/16/2022

Serial Number: 80-001439
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	0.077
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.077	0.199	0.077
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.078	0.200	0.077
0.000	0.049	0.078	0.200	0.077
0.000	0.049	0.079	0.199	0.077
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.079	0.199	0.077

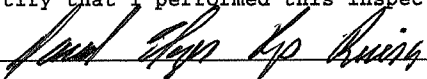
Standard Deviations	0.0000	0.0005	0.0004	0.0000
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

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

DAVID E REYES-RIVERA

06/16/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001439	Martin County Sheriff's Office	6/16/2022	DERR <i>[Signature]</i>

0.05g/210L 0.047 to 0.053 ☒	0.08g/210L 0.077 to 0.083 ☒	0.20g/210L 0.194 to 0.206 ☒	0.08g/210L 0.077 to 0.083 ☒	0.20g/210L 0.194 to 0.206 ☒	0.08g/210L 0.077 to 0.083 ☒
MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2022 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2022 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2022 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2022 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2022 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2022 Software: 8100.27
Test : g/210L Time	Test : g/210L Time	Test : g/210L Time	Test : g/210L Time	Test : g/210L Time	Test : g/210L Time
Air Blank 0.000 06:43	Air Blank 0.000 07:20	Air Blank 0.000 07:24	Air Blank 0.000 07:24	Air Blank 0.000 07:23	Air Blank 0.000 07:23
Control Test 0.048 06:44	Control Test 0.077 07:21	Control Test 0.159 07:24	Control Test 0.159 07:24	Control Test 0.077 07:23	Control Test 0.077 07:23
Air Blank 0.000 06:44	Air Blank 0.000 07:21	Air Blank 0.000 07:25	Air Blank 0.000 07:25	Air Blank 0.000 07:29	Air Blank 0.000 07:29
Control Test 0.049 06:45	Control Test 0.078 07:22	Control Test 0.199 07:26	Control Test 0.199 07:26	Control Test 0.077 07:30	Control Test 0.077 07:30
Air Blank 0.000 06:46	Air Blank 0.000 07:23	Air Blank 0.000 07:27	Air Blank 0.000 07:27	Air Blank 0.000 07:31	Air Blank 0.000 07:31
Control Test 0.049 06:47	Control Test 0.077 07:23	Control Test 0.199 07:27	Control Test 0.199 07:27	Control Test 0.077 07:31	Control Test 0.077 07:31
Average 0.0487	Average 0.0777	Average 0.1990	Average 0.1990	Average 0.0770	Average 0.0770
Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0000	Std Dev 0.0000	Std Dev 0.0000	Std Dev 0.0000
Rel Std Dev(%) 1.1663	Rel Std Dev(%) 0.7434	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.0000
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

Instrument 80-001439 6/16/2022 DERR

After the first stability test, the instrument was only printing the heading of the test. It would not print the test results. I had to connect the External printer to print the results. DERR

hell

hell

MARTIN COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000 SN 80-001439
06/15/2022
Software: 8100.27

Test 9/210L Time

hell

MARTIN COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000 SN 80-001439
06/16/2022
Software: 8100.27

Test 9/210L Time

hell

MARTIN COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000 SN 80-001439
06/16/2022
Software: 8100.27

Test 9/210L Time



INSTRUMENT PROCESSING SHEET

Agency Martin CSOS/N 80-001439Florida Department of
Law EnforcementDate In 8/30/2022 DI Completion Date 9/9/2022☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>9/9/2022</u>	Flow Calibration	By TDG	Date <u>9/9/2022</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: <u>Sent for battery change.</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>207</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.171*</u> (.139 - .169) 36 mm <u>0.187</u> (.156 - .190) 53 mm <u>0.261</u> (.228 - .278) 103 mm <u>0.527</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks			Flow Column # <u>ATP106</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>212 / 212</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.136* / 0.148</u> (.139 - .169) 36 mm <u>0.156 / 0.160</u> (.156 - .190) 53 mm <u>0.234 / 0.234</u> (.228 - .278) 103 mm <u>0.500 / 0.507</u> (.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>00521080A2 02/05/2023</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	00521080A2 02/05/2023	Maintenance By TDG ☒ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____																											
Simulator	Serial #	Lot #/Exp																																													
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Calibration Adjustment By _____		Department Inspection By TDG _____																																													
Barometric Pressure Gauge _____ ID # _____		Barometric Pressure ID# <u>28199</u> Gauge <u>1009</u> Instrument <u>1005</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 #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.000</td><td></td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td></td><td></td><td></td></tr><tr><td>0.100</td><td></td><td></td><td></td></tr><tr><td>0.200</td><td></td><td></td><td></td></tr><tr><td>0.300</td><td></td><td></td><td></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td></td><td></td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			<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>SD3966</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>						Simulator	Serial Number	0.000	MP5095	Interferent	SD3966	0.050	MP5092	0.080	MP5093	0.200	MP5094
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☐ Post Calibration Adjustment Stability Checks		Attachments ☒ Form 41 ☐ Post-Stability Checks ☒ Stability Checks ☒ Flow Calibration ☒ Calibration Certificate ☐ Form 40 ☐ Calibration Adjustment ☐ Other _____																																													
<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></td><td></td><td></td></tr><tr><td>0.080</td><td></td><td></td><td></td></tr><tr><td>0.200</td><td></td><td></td><td></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td></td><td></td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.050				0.080				0.200				0.080 DGS	N/A			☒ 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																									
Simulator	Serial #	Lot #	Expiration																																												
0.050																																															
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Notes/Suggested Service: <u>Checked breath tube screen, replaced o-rings, replaced battery, and verified setup on 9/8. (TDG)</u>		Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2022.09.13 14:29:05 -0400																																													
*Flow value was outside nominal range. (TDG)		Tech Review / Date _____ Admin Review / Date _____																																													

Flow Calibration

80-001439

09/09/2022

TMG

INTOXILYZER 8000
Instrument Initialization
09:28 09/09/2022

#1

During the post-cal verifications, one of the flow values was outside nominal. Repeated the flow cal.

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/09/2022
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff) = 7.000
2: Rate (Liters/min) = 15
SQRT(Diff) = 12.566
3: Rate (Liters/min) = 30
SQRT(Diff) = 21.094
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 692
Rounded Intercept = -735807
Correlation = 0.99998

#2

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/09/2022
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff) = 7.277
2: Rate (Liters/min) = 15
SQRT(Diff) = 11.914
3: Rate (Liters/min) = 30
SQRT(Diff) = 21.070
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 698
Rounded Intercept = -733087
Correlation = 0.99741

After the repeated flow cal, all values were within nominal on the post-cal verification. Flow column ATP106 was used to perform both flow cals, and flow column ATP104 was used to perform both of the post-cal verifications.

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001439	Martin CSO	09/09/2022	TDG

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
✓	✓	✓	✓
MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 09/09/2022 Software: 8100.27 SN 80-001439 Test g/210L Time Air Blank 0.000 11:00 Control Test 0.050 11:01 Air Blank 0.000 11:02 Control Test 0.049 11:02 Air Blank 0.000 11:03 Control Test 0.050 11:04 Air Blank 0.000 11:04 Control Test Stats Average 0.0497 Std Dev 0.0006 Rel Std Dev(%) 1.1625	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 09/09/2022 Software: 8100.27 SN 80-001439 Test g/210L Time Air Blank 0.000 11:06 Control Test 0.079 11:09 Air Blank 0.000 11:09 Control Test 0.079 11:10 Air Blank 0.000 11:10 Control Test 0.079 11:11 Air Blank 0.000 11:12 Control Test Stats Average 0.0790 Std Dev 0.0000 Rel Std Dev(%) 0.0000	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 09/09/2022 Software: 8100.27 SN 80-001439 Test g/210L Time Air Blank 0.000 11:14 Control Test 0.200 11:15 Air Blank 0.000 11:16 Control Test 0.200 11:16 Air Blank 0.000 11:17 Control Test 0.201 11:18 Air Blank 0.000 11:18 Control Test Stats Average 0.2003 Std Dev 0.0006 Rel Std Dev(%) 0.2882	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 09/09/2022 Software: 8100.27 SN 80-001439 Test g/210L Time Air Blank 0.000 11:20 Control Test 0.078 11:21 Air Blank 0.000 11:21 Control Test 0.078 11:22 Air Blank 0.000 11:22 Control Test 0.078 11:22 Air Blank 0.000 11:23 Control Test Stats Average 0.0780 Std Dev 0.0000 Rel Std Dev(%) 0.0000
Operator's Signature ML	Operator's Signature ML	Operator's Signature ML	Operator's Signature ML

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 14:53

Date of Inspection: 09/09/2022

Serial Number: 80-001439
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	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.077	0.199	0.078
0.000	0.049	0.078	0.199	0.079
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	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.079

Standard Deviations	0.0004	0.0003	0.0000	0.0004
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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.

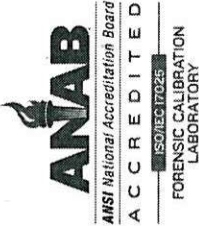
I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



TAYLOR D GUTSCHOW

Signature and Printed Name

09/09/2022
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 80-001439, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001439	UNCERTAINTY* $\pm$
Owning Agency:	MARTIN COUNTY SO	0.050 g/ 210 L 0.004
Calibration Date:	09/09/2022	0.080 g/ 210 L 0.004
Calibration Time:	14:53	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.

09/09/2022

Date

Taylor D Gutschow

TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality