



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 80-007168, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007168</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FWCC</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>09/27/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:16</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. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses 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.

09/27/2021

Date

David E Reyes-Rivera

DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FWCC

Time of Inspection: 09:16

Date of Inspection: 09/27/2021

Serial Number: 80-007168

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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.049	0.078	0.197	0.079
0.000	0.049	0.079	0.197	0.079
0.000	0.049	0.078	0.197	0.078
0.000	0.048	0.078	0.197	0.078
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.078	0.198	0.078
0.000	0.049	0.079	0.198	0.079

Standard Deviations	0.0003	0.0005	0.0005	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.

David E Reyes-Rivera

DAVID E REYES-RIVERA

Signature and Printed Name

09/27/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007168	Florida Fish and Wildlife Conservation Commission	9/27/2021	DERR <i>MD</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	DGS 0.08g/210L 0.077 to 0.083																																																																																																																																																
FWCC Intoxilyzer - Alcohol Analyzer Model 8000 09/27/2021 Software: 8100.27	FWCC Intoxilyzer - Alcohol Analyzer Model 8000 09/27/2021 Software: 8100.27	FWCC Intoxilyzer - Alcohol Analyzer Model 8000 09/27/2021 Software: 8100.27	FWCC Intoxilyzer - Alcohol Analyzer Model 8000 09/27/2021 Software: 8100.27																																																																																																																																																
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Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FWCC

Time of Inspection: 06:40

Date of Inspection: 09/27/2021

Serial Number: 80-007168

Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

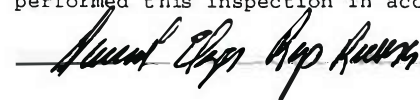
Number of Simulators Used: _____

Remarks:

COMPLIANCE NOT DETERMINED, AI NOT CONDUCTED.

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



DAVID E REYES-RIVERA

Signature and Printed Name

09/27/2021
Date



INSTRUMENT PROCESSING SHEET

Agency FWCS/N 80-007168Florida Department of
Law EnforcementDate In 11/29/2021 DI Completion Date 11/30/2021☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake By <u>TDG</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>Hand delivered to FDLE with DGS. No box.</u>	Quality Checks By <u>TDG</u> Date <u>11/30/2021</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>239</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.179*</u> (.139 - .169) 36 mm <u>0.191*</u> (.156 - .190) 53 mm <u>0.265</u> (.228 - .278) 103 mm <u>0.542</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> <tr> <td>0.050</td> <td>MP5092</td> <td>202010A 10/05/2022</td> </tr> <tr> <td>0.080</td> <td>MP4864</td> <td>202010B 10/05/2022</td> </tr> <tr> <td>0.200</td> <td>MP5094</td> <td>202010D 10/06/2022</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG026705 09/23/2022</td> </tr> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP5092	202010A 10/05/2022	0.080	MP4864	202010B 10/05/2022	0.200	MP5094	202010D 10/06/2022	0.080 DGS	N/A	AG026705 09/23/2022	Flow Calibration By <u>TDG</u> Date <u>11/30/2021</u> Flow Column # <u>ATP106</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>240</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.160</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.523</u> (.447 - .547)																																													
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Maintenance By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____																																																														
DI Temp. Checks By <u>TDG</u> ☒ Lab Temp °C <u>19.42</u> External Digital Therm. ID#: <u>381198</u> ☒ 34°C +/- .2 Serial #: <u>MP5092</u> ☒ 34°C +/- .2 Serial #: <u>MP4864</u> ☒ 34°C +/- .2 Serial #: <u>MP5094</u>																																																														
Calibration Adjustment By _____ Barometric Pressure Gauge _____ ID # _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #</th> <th>Expiration</th> </tr> <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> </table> ☐ Post Calibration Adjustment Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #</th> <th>Expiration</th> </tr> <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> </table>	Simulator	Serial #	Lot #	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Simulator	Serial #	Lot #	Expiration	0.050				0.080				0.200				0.080 DGS	N/A			Department Inspection By <u>TDG</u> Barometric Pressure ID# <u>28199</u> Gauge <u>1020</u> Instrument <u>1017</u> Mouth Alcohol Solution Lot # <u>2020-A</u> Acetone Stock Solution Lot # <u>2020-A</u> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> <tr> <td>0.000</td> <td>SD3963</td> </tr> <tr> <td>Interferent</td> <td>SD1017</td> </tr> <tr> <td>0.050</td> <td>MP5092</td> </tr> <tr> <td>0.080</td> <td>MP4864</td> </tr> <tr> <td>0.200</td> <td>MP5094</td> </tr> </table>		Simulator	Serial Number	0.000	SD3963	Interferent	SD1017	0.050	MP5092	0.080	MP4864	0.200	MP5094
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Attachments ☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☐ Calibration Adjustment ☐ Post-Stability Checks ☒ Flow Calibration ☒ Form 40 ☐ Other _____																																																														
Notes/Suggested Service: <u>*Flow values outside range. Will perform flow cal. (TDG)</u>																																																														
Richard A Williams Digitally signed by Richard A Williams Date: 2021.12.03 12:11:31 -0500 3 12:43:59																																																														
Tech Review / Date _____		Admin Review / Date _____																																																												

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FWCC

Time of Inspection: 11:22

Date of Inspection: 11/30/2021

Serial Number: 80-007168

Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:_____ Exp:_____	0.08g/210L Test (g/210L) Lot#:_____ Exp:_____	0.20g/210L Test (g/210L) Lot#:_____ Exp:_____	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:_____ Exp:_____

Number of Simulators Used: _____

Remarks:

BYPASSED AI TO OPERATE INSTRUMENT

Not determined *MG*
11/30/2021

The above instrument complies (☒) does not comply () with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Taylor D Gutschow

TAYLOR D GUTSCHOW

Signature and Printed Name

11/30/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007168	FWC	11/30/2021	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	
✓		✓		✓		✓	
FWCC Intoxilyzer - Alcohol Analyzer Model 8000 11/30/2021 Software: 8100.27 SN 80-007168		FWCC Intoxilyzer - Alcohol Analyzer Model 8000 11/30/2021 Software: 8100.27 SN 80-007168		FWCC Intoxilyzer - Alcohol Analyzer Model 8000 11/30/2021 Software: 8100.27 SN 80-007168		FWCC Intoxilyzer - Alcohol Analyzer Model 8000 11/30/2021 Software: 8100.27 SN 80-007168	
Test g/210L Time		Test g/210L Time		Test g/210L Time		Test g/210L Time	
Air Blank 0.000 12:29		Air Blank 0.000 12:36		Air Blank 0.000 12:43		Air Blank 0.000 12:23	
Control Test 0.050 12:29		Control Test 0.079 12:37		Control Test 0.199 12:44		Control Test 0.080 12:24	
Air Blank 0.000 12:30		Air Blank 0.000 12:37		Air Blank 0.000 12:44		Air Blank 0.000 12:24	
Control Test 0.050 12:31		Control Test 0.080 12:38		Control Test 0.198 12:45		Control Test 0.080 12:25	
Air Blank 0.000 12:31		Air Blank 0.000 12:39		Air Blank 0.000 12:45		Air Blank 0.000 12:25	
Control Test 0.050 12:32		Control Test 0.079 12:39		Control Test 0.198 12:46		Control Test 0.080 12:25	
Air Blank 0.000 12:32		Air Blank 0.000 12:40		Air Blank 0.000 12:47		Air Blank 0.000 12:26	
Control Test Stats		Control Test Stats		Control Test Stats		Control Test Stats	
Average 0.0500		Average 0.0793		Average 0.1983		Average 0.0800	
Std Dev 0.0000		Std Dev 0.0006		Std Dev 0.0006		Std Dev 0.0000	
Rel Std Dev(%) 0.0000		Rel Std Dev(%) 0.7277		Rel Std Dev(%) 0.2911		Rel Std Dev(%) 0.0000	
Operator's Signature		Operator's Signature		Operator's Signature		Operator's Signature	
MC		MC		MC		MC	

Comments:

INTOXILYZER 8000
Instrument Initialization
10:30 11/30/2021

Flow Calibration
MG 11/30/2021

FWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007168
11/30/2021
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 7.211

2: Rate (Liters/min) = 15

SQRT(Diff) = 11.660

3: Rate (Liters/min) = 30

SQRT(Diff) = 20.855

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 704

Rounded Intercept = -719636

Correlation = 0.99654

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FWCC

Time of Inspection: 15:52

Date of Inspection: 11/30/2021

Serial Number: 80-007168

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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.049	0.078	0.197	0.079
0.000	0.050	0.079	0.197	0.079
0.000	0.049	0.079	0.197	0.079
0.000	0.049	0.079	0.197	0.080
0.000	0.050	0.079	0.197	0.080
0.000	0.049	0.079	0.197	0.080
0.000	0.049	0.079	0.197	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.079	0.197	0.080

Standard Deviations	0.0004	0.0003	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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

11/30/2021
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 80-007168, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007168</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FWCC</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>11/30/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:52</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. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses 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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without written approval of the Florida Department of
Law Enforcement Alcohol Testing Program.

11/30/2021

Date


TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 January 2021
Issuing Authority: Alcohol Testing Program

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