

# 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 80-006260, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006260</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP F</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>04/05/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:56</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.

04/05/2022

Date



DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

# Florida Department of Law Enforcement

## Alcohol Testing Program

### DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP F

Time of Inspection: 14:56

Date of Inspection: 04/05/2022

Serial Number: 80-006260

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	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.048	0.079	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	0.079	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.079	0.199	0.079

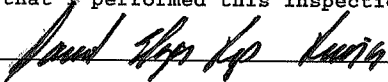
Standard Deviations	0.0004	0.0005	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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

Signature and Printed Name

04/05/2022  
 Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006260	Florida Highway Patrol	4/5/2022	DERR <i>ALL</i>

0.05g/210L 0.047 to 0.053 <input checked="" type="checkbox"/>	0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>	0.20g/210L 0.194 to 0.206 <input checked="" type="checkbox"/>	DGS 0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>
<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 04/05/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 13:15 Control Test 0.048 13:16 Air Blank 0.000 13:17 Control Test 0.049 13:17 Air Blank 0.000 13:18 Control Test 0.048 13:19 Air Blank 0.000 13:19 Control Test Stats Average 0.0483 Std Dev 0.0006 Rel Std Dev(%) 1.1945</p> <p>Operator's Signature <i>ALL</i></p>	<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 04/05/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 13:20 Control Test 0.078 13:21 Air Blank 0.000 13:21 Control Test 0.078 13:22 Air Blank 0.000 13:23 Control Test 0.078 13:23 Air Blank 0.000 13:24 Control Test Stats Average 0.0780 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature <i>ALL</i></p>	<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 04/05/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 13:25 Control Test 0.198 13:25 Air Blank 0.000 13:26 Control Test 0.198 13:27 Air Blank 0.000 13:27 Control Test 0.198 13:28 Air Blank 0.000 13:28 Control Test Stats Average 0.1980 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature <i>ALL</i></p>	<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 04/05/2022 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 13:29 Control Test 0.080 13:30 Air Blank 0.000 13:30 Control Test 0.079 13:30 Air Blank 0.000 13:31 Control Test 0.080 13:31 Air Blank 0.000 13:32 Control Test Stats Average 0.0797 Std Dev 0.0006 Rel Std Dev(%) 0.7247</p> <p>Operator's Signature <i>ALL</i></p>

FPP Troop F  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006260  
04/05/2022  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (liters/min) = 5  
    SRT(diff) = 7.211  
2: Rate (liters/min) = 15  
    SRT(diff) = 11.832  
3: Rate (liters/min) = 30  
    SRT(diff) = 20.879  
Dependent Data Scale Factor = 10000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 705  
Rounded Intercept = -735933  
Correlation = 0.99756

Flow Calibration	
SN:	80-006260
Agency:	Florida Highway Patrol Troop F
Date:	4/5/2022
By:	DERR <i>[Signature]</i>









## 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 80-006260, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number: 80-006260

Owning Agency: FHP TROOP F

Calibration Date: 09/27/2022

Calibration Time: 09:05

UNCERTAINTY\*  $\pm$

0.050 g/ 210 L 0.004

0.080 g/ 210 L 0.004

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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09/27/2022

Date

  
DAVID E REYES-RIVERA,  
Department Inspector

FDLE/ATP Form 69 December 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: FHP TROOP F  
Time of Inspection: 09:05

Date of Inspection: 09/27/2022

Serial Number: 80-006260  
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	0.050	0.080	0.201	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.051	0.079	0.202	0.080
0.000	0.051	0.079	0.202	0.080
0.000	0.051	0.080	0.202	0.080
0.000	0.051	0.080	0.201	0.080
0.000	0.051	0.079	0.202	0.080
0.000	0.050	0.080	0.202	0.080


Standard Deviations	0.0005	0.0004	0.0005	0.0000
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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.

  
\_\_\_\_\_  
Signature and Printed Name

DAVID E REYES-RIVERA

09/27/2022  
Date



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006260	Florida Highway Patrol Troop F	9/27/2022	DERR <i>[Signature]</i>

0.05g/210L 0.047 to 0.053 <input checked="" type="checkbox"/>	0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>	0.20g/210L 0.194 to 0.206 <input checked="" type="checkbox"/>	DGS 0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>																																																																																																																																																
<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 09/27/2022 Software: 8100.27</p> <table> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> <tr><td>Air Blank</td><td>0.000</td><td>06:48</td></tr> <tr><td>Control Test</td><td>0.051</td><td>06:48</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:49</td></tr> <tr><td>Control Test</td><td>0.051</td><td>06:49</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:50</td></tr> <tr><td>Control Test</td><td>0.051</td><td>06:51</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:51</td></tr> <tr><td colspan="3">Control Test Stats</td></tr> <tr><td>Average</td><td>0.0510</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	06:48	Control Test	0.051	06:48	Air Blank	0.000	06:49	Control Test	0.051	06:49	Air Blank	0.000	06:50	Control Test	0.051	06:51	Air Blank	0.000	06:51	Control Test Stats			Average	0.0510		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 09/27/2022 Software: 8100.27</p> <table> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> <tr><td>Air Blank</td><td>0.000</td><td>06:53</td></tr> <tr><td>Control Test</td><td>0.080</td><td>06:53</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:54</td></tr> <tr><td>Control Test</td><td>0.080</td><td>06:54</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:55</td></tr> <tr><td>Control Test</td><td>0.080</td><td>06:56</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:56</td></tr> <tr><td colspan="3">Control Test Stats</td></tr> <tr><td>Average</td><td>0.0800</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	06:53	Control Test	0.080	06:53	Air Blank	0.000	06:54	Control Test	0.080	06:54	Air Blank	0.000	06:55	Control Test	0.080	06:56	Air Blank	0.000	06:56	Control Test Stats			Average	0.0800		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 09/27/2022 Software: 8100.27</p> <table> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> <tr><td>Air Blank</td><td>0.000</td><td>06:57</td></tr> <tr><td>Control Test</td><td>0.201</td><td>06:58</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:59</td></tr> <tr><td>Control Test</td><td>0.201</td><td>06:59</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:00</td></tr> <tr><td>Control Test</td><td>0.201</td><td>07:00</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:01</td></tr> <tr><td colspan="3">Control Test Stats</td></tr> <tr><td>Average</td><td>0.2010</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	06:57	Control Test	0.201	06:58	Air Blank	0.000	06:59	Control Test	0.201	06:59	Air Blank	0.000	07:00	Control Test	0.201	07:00	Air Blank	0.000	07:01	Control Test Stats			Average	0.2010		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>FHP TROOP F Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006260 09/27/2022 Software: 8100.27</p> <table> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> <tr><td>Air Blank</td><td>0.000</td><td>07:03</td></tr> <tr><td>Control Test</td><td>0.080</td><td>07:03</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:03</td></tr> <tr><td>Control Test</td><td>0.080</td><td>07:04</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:04</td></tr> <tr><td>Control Test</td><td>0.081</td><td>07:05</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:05</td></tr> <tr><td colspan="3">Control Test Stats</td></tr> <tr><td>Average</td><td>0.0803</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7187</td><td></td></tr> </table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:03	Control Test	0.080	07:03	Air Blank	0.000	07:03	Control Test	0.080	07:04	Air Blank	0.000	07:04	Control Test	0.081	07:05	Air Blank	0.000	07:05	Control Test Stats			Average	0.0803		Std Dev	0.0006		Rel Std Dev(%)	0.7187	
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