



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 80-001110, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001110</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP E MIAMI</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>11/04/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:41</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.

11/04/2021

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: FHP TROOP E MIAMI
Time of Inspection: 14:41

Date of Inspection: 11/04/2021

Serial Number: 80-001110
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	0.050	0.079	0.198	0.000 / 0.079
0.000	0.049	0.079	0.198	0.000 / 0.080
0.000	0.050	0.079	0.198	0.000 / 0.080
0.000	0.050	0.079	0.198	0.000 / 0.080
0.000	0.050	0.079	0.197	0.000 / 0.079
0.000	0.050	0.079	0.198	0.000 / 0.079
0.000	0.050	0.079	0.198	0.000 / 0.079
0.000	0.050	0.079	0.198	0.000 / 0.080
0.000	0.050	0.079	0.198	0.000 / 0.079
0.000	0.050	0.079	0.198	0.000 / 0.079
Standard Deviations	0.0003	0.0000	0.0003	0.0000 / 0.0005

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 ToleranceTANK NOT CONNECTED.

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

11/04/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001110	Florida Highway Patrol Troop E	11/4/2021	DERR <i>[Signature]</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																				
0.047 to 0.053 ☒ FHP TROOP E MIAWI Intoxilyzer - Alconol Analyzer Model 8000 SN 80-001110 11/04/2021 Software: 8100.27 Test Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:10</td></tr> <tr><td>Control Test</td><td>0.050</td><td>11:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:11</td></tr> <tr><td>Control Test</td><td>0.049</td><td>11:12</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:12</td></tr> <tr><td>Control Test</td><td>0.049</td><td>11:13</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:13</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0493</td><td></td></tr> <tr><td>Std Dev</td><td>0.0036</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>1.1703</td><td></td></tr> </table> Operator's Signature <i>[Signature]</i>	Air Blank	0.000	11:10	Control Test	0.050	11:11	Air Blank	0.000	11:11	Control Test	0.049	11:12	Air Blank	0.000	11:12	Control Test	0.049	11:13	Air Blank	0.000	11:13	Control Test Stats			Average	0.0493		Std Dev	0.0036		Rel Std Dev(%)	1.1703		0.077 to 0.083 ☒ FHP TROOP E MIAWI Intoxilyzer - Alconol Analyzer Model 8000 SN 80-001110 11/04/2021 Software: 8100.27 Test Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:15</td></tr> <tr><td>Control Test</td><td>0.079</td><td>11:16</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:16</td></tr> <tr><td>Control Test</td><td>0.080</td><td>11:17</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:18</td></tr> <tr><td>Control Test</td><td>0.080</td><td>11:18</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:19</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0757</td><td></td></tr> <tr><td>Std Dev</td><td>0.0036</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7247</td><td></td></tr> </table> Operator's Signature <i>[Signature]</i>	Air Blank	0.000	11:15	Control Test	0.079	11:16	Air Blank	0.000	11:16	Control Test	0.080	11:17	Air Blank	0.000	11:18	Control Test	0.080	11:18	Air Blank	0.000	11:19	Control Test Stats			Average	0.0757		Std Dev	0.0036		Rel Std Dev(%)	0.7247		0.194 to 0.206 ☒ FHP TROOP E MIAWI Intoxilyzer - Alconol Analyzer Model 8000 SN 80-001110 11/04/2021 Software: 8100.27 Test Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:21</td></tr> <tr><td>Control Test</td><td>0.199</td><td>11:21</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:22</td></tr> <tr><td>Control Test</td><td>0.198</td><td>11:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:23</td></tr> <tr><td>Control Test</td><td>0.196</td><td>11:24</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:24</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1977</td><td></td></tr> <tr><td>Std Dev</td><td>0.0015</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7728</td><td></td></tr> </table> Operator's Signature <i>[Signature]</i>	Air Blank	0.000	11:21	Control Test	0.199	11:21	Air Blank	0.000	11:22	Control Test	0.198	11:23	Air Blank	0.000	11:23	Control Test	0.196	11:24	Air Blank	0.000	11:24	Control Test Stats			Average	0.1977		Std Dev	0.0015		Rel Std Dev(%)	0.7728		0.077 to 0.083 ☒ FHP TROOP E MIAWI Intoxilyzer - Alconol Analyzer Model 8000 SN 80-001110 11/04/2021 Software: 8100.27 Test Time <table border="1"> <tr><td>Air Blank</td><td>0.000</td><td>11:26</td></tr> <tr><td>Control Test</td><td>0.079</td><td>11:26</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:27</td></tr> <tr><td>Control Test</td><td>0.080</td><td>11:27</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:28</td></tr> <tr><td>Control Test</td><td>0.080</td><td>11:28</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:28</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0797</td><td></td></tr> <tr><td>Std Dev</td><td>0.0036</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7247</td><td></td></tr> </table> Operator's Signature <i>[Signature]</i>	Air Blank	0.000	11:26	Control Test	0.079	11:26	Air Blank	0.000	11:27	Control Test	0.080	11:27	Air Blank	0.000	11:28	Control Test	0.080	11:28	Air Blank	0.000	11:28	Control Test Stats			Average	0.0797		Std Dev	0.0036		Rel Std Dev(%)	0.7247	
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