

Flow Calibrations

80-000880

6/8/2023

ML

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000880
06/08/2023
Software: 8100.27

Flow Rate Calibration***** #1

1: Rate (Liters/min) = 5
SQRT(Diff) = 7.211
2: Rate (Liters/min) = 15
SQRT(Diff) = 12.285
3: Rate (Liters/min) = 30
SQRT(Diff) = 21.883
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 658
Rounded Intercept = -658216
Correlation = 0.99813

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000880
06/08/2023
Software: 8100.27

Flow Rate Calibration***** #2

1: Rate (Liters/min) = 5
SQRT(Diff) = 7.480
2: Rate (Liters/min) = 15
SQRT(Diff) = 12.246
3: Rate (Liters/min) = 30
SQRT(Diff) = 21.746
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 675
Rounded Intercept = -721887
Correlation = 0.99724

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000680	Miami - Dade PD	06/08/2023	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>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/08/2023 Software: 8100.27</p> <p>SN 80-000880</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:55</p> <p>Control Test 0.049 09:56</p> <p>Air Blank 0.000 09:56</p> <p>Control Test 0.047 09:57</p> <p>Air Blank 0.000 09:58</p> <p>Control Test 0.048 09:58</p> <p>Air Blank 0.000 09:59</p> <p>Control Test Stats</p> <p>Average 0.0480</p> <p>Std Dev 0.0010</p> <p>Rel Std Dev(%) 2.0833</p>	<p>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/08/2023 Software: 8100.27</p> <p>SN 80-000880</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:02</p> <p>Control Test 0.077 10:03</p> <p>Air Blank 0.000 10:03</p> <p>Control Test 0.076 10:04</p> <p>Air Blank 0.000 10:05</p> <p>Control Test 0.076 10:05</p> <p>Air Blank 0.000 10:06</p> <p>Control Test Stats</p> <p>Average 0.0763</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7564</p>	<p>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/08/2023 Software: 8100.27</p> <p>SN 80-000880</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:09</p> <p>Control Test 0.198 10:10</p> <p>Air Blank 0.000 10:10</p> <p>Control Test 0.197 10:11</p> <p>Air Blank 0.000 10:11</p> <p>Control Test 0.196 10:12</p> <p>Air Blank 0.000 10:13</p> <p>Control Test Stats</p> <p>Average 0.1970</p> <p>Std Dev 0.0010</p> <p>Rel Std Dev(%) 0.5076</p>	<p>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 06/08/2023 Software: 8100.27</p> <p>SN 80-000880</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:47</p> <p>Control Test 0.079 09:48</p> <p>Air Blank 0.000 09:48</p> <p>Control Test 0.079 09:49</p> <p>Air Blank 0.000 09:49</p> <p>Control Test 0.079 09:49</p> <p>Air Blank 0.000 09:50</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><i>ML</i></p> <p>Operator's Signature</p>	<p><i>ML</i></p> <p>Operator's Signature</p>	<p><i>ML</i></p> <p>Operator's Signature</p>	<p><i>ML</i></p> <p>Operator's Signature</p>

Comments:

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-000880	Miami - Dade PD	06/16/2023	TDG MK

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>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model: 8000 06/16/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:13</p> <p>Control Test 0.049 11:14</p> <p>Air Blank 0.000 11:15</p> <p>Control Test 0.049 11:15</p> <p>Air Blank 0.000 11:16</p> <p>Control Test 0.049 11:17</p> <p>Control Test Stats</p> <p>Average 0.0490</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>	<p>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model: 8000 06/16/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:22</p> <p>Control Test 0.079 11:22</p> <p>Air Blank 0.000 11:23</p> <p>Control Test 0.078 11:24</p> <p>Air Blank 0.000 11:24</p> <p>Control Test 0.078 11:25</p> <p>Control Test Stats</p> <p>Average 0.0783</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7370</p>	<p>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model: 8000 06/16/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:29</p> <p>Control Test 0.199 11:29</p> <p>Air Blank 0.000 11:30</p> <p>Control Test 0.199 11:31</p> <p>Air Blank 0.000 11:31</p> <p>Control Test 0.199 11:32</p> <p>Control Test Stats</p> <p>Average 0.1990</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>	<p>MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model: 8000 06/16/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:05</p> <p>Control Test 0.079 11:06</p> <p>Air Blank 0.000 11:06</p> <p>Control Test 0.079 11:06</p> <p>Air Blank 0.000 11:07</p> <p>Control Test 0.079 11:07</p> <p>Air Blank 0.000 11:08</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</p> <p>MK</p>	<p>Operator's Signature</p> <p>MK</p>	<p>Operator's Signature</p> <p>MK</p>	<p>Operator's Signature</p> <p>MK</p>

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI-DADE PD
Time of Inspection: 13:42

Date of Inspection: 06/16/2023

Serial Number: 80-000880
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	0.049	0.079	0.199	0.078
0.000	0.048	0.078	0.199	0.078
0.000	0.048	0.078	0.199	0.078
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	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.048	0.078	0.199	0.078
0.000	0.048	0.078	0.199	0.078

Standard Deviations	0.0004	0.0004	0.0000	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.

Taylor D Gutschow TAYLOR D GUTSCHOW
Signature and Printed Name

06/16/2023
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 **80-000880**, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000880	UNCERTAINTY* \pm
Owning Agency:	MIAMI-DADE PD	0.050 g/ 210 L 0.004
Calibration Date:	06/16/2023	0.080 g/ 210 L 0.004
Calibration Time:	13:42	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.

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

06/16/2023

Date

Taylor D. Gutschow
TAYLOR D GUTSCHOW,

Department Inspector

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI-DADE PD
Time of Inspection: 15:03

Date of Inspection: 04/24/2023

Serial Number: 80-000880
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:

AI NOT CONDUCTED. BYPASSED TO OPERATE INSTRUMENT.

Not determined

716
04/24/2023

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

Signature and Printed Name

04/24/2023
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000880	Miami - Dade PD	04/24/2023	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 ✓ ≤0.003 of Wet
MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000880 04/24/2023 Software: 8100.27	MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000880 04/24/2023 Software: 8100.27	MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000880 04/24/2023 Software: 8100.27	MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000880 04/24/2023 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 15:08	Air Blank 0.000 15:15	Air Blank 0.000 15:20	Air Blank 0.000 15:24
Control Test 0.000 15:09	Control Test 0.000 15:16	Control Test 0.000 15:21	Control Test 0.078 15:24
Air Blank 0.000 15:10	Air Blank 0.000 15:16	Air Blank 0.000 15:21	Air Blank 0.000 15:25
Control Test 0.000 15:10	Control Test 0.000 15:17	Control Test 0.000 15:22	Control Test 0.078 15:25
Air Blank 0.000 15:11	Air Blank 0.000 15:18	Air Blank 0.000 15:22	Air Blank 0.000 15:26
Control Test 0.000 15:11	Control Test 0.000 15:18	Control Test 0.000 15:23	Control Test 0.078 15:26
Air Blank 0.000 15:12	Air Blank 0.000 15:19	Air Blank 0.000 15:23	Air Blank 0.000 15:27
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0000	Average 0.0000	Average 0.0000	Average 0.0780
Std Dev 0.0000	Std Dev 0.0000	Std Dev 0.0000	Std Dev 0.0000
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

Comments:

Return Material Authorization

Ship to:

☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Reginald Myrttil on 04/25/2023

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-000880

Bill To Address:

Miami-Dade PD

Attn: Reginald Myrttil

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 returned from repair (work order 407330). The instrument will not read wet-bath samples and will only read dry gas samples. Instrument will be sent back to CMI for 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: Reginald Myrttil

Phone #: 305-785-3706

Email: rjmyrttil@mdpd.com

ATP Contact Name: Taylor Gutschow

ATP Email: TaylorGutschow@fdle.state.fl.us