

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 13:33

Date of Inspection: 02/17/2021

Serial Number: 80-006169
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#:AG003005 Exp: 01/30/2022
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.051	0.080	0.201	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.051	0.080	0.200	0.079
0.000	0.051	0.079	0.201	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.079

Standard Deviations	0.0004	0.0003	0.0005	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.

MICHAEL D HAUGHEY

Signature and Printed Name

02/17/2021
Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000169	Martin County SO	02/17/21	MX

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 02/17/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:18 Control Test 0.050 11:19 Air Blank 0.000 11:20 Control Test 0.050 11:20 Air Blank 0.000 11:21 Control Test 0.050 11:21 Air Blank 0.000 11:22 Control Test 0.050 11:22 Average 0.0500 Std Dev 0.0000 Rel Std Dev(%) 0.0000 MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/17/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:18 Control Test 0.050 11:19 Air Blank 0.000 11:20 Control Test 0.050 11:20 Air Blank 0.000 11:21 Control Test 0.050 11:21 Air Blank 0.000 11:22 Control Test 0.050 11:22 Average 0.0500 Std Dev 0.0000 Rel Std Dev(%) 0.0000	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/17/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:24 Control Test 0.080 11:25 Air Blank 0.000 11:25 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 Average 0.0797 Std Dev 0.0006 Rel Std Dev(%) 0.7247 MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/17/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:30 Control Test 0.199 11:31 Air Blank 0.000 11:32 Control Test 0.199 11:32 Air Blank 0.000 11:33 Control Test 0.199 11:33 Air Blank 0.000 11:34 Control Test 0.199 11:34 Average 0.1990 Std Dev 0.0000 Rel Std Dev(%) 0.0000	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/17/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:36 Control Test 0.080 11:36 Air Blank 0.000 11:37 Control Test 0.080 11:37 Air Blank 0.000 11:38 Control Test 0.079 11:38 Air Blank 0.000 11:39 Control Test 0.079 11:39 Average 0.0797 Std Dev 0.0006 Rel Std Dev(%) 0.7247	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/17/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:36 Control Test 0.080 11:36 Air Blank 0.000 11:37 Control Test 0.080 11:37 Air Blank 0.000 11:38 Control Test 0.079 11:38 Air Blank 0.000 11:39 Control Test 0.079 11:39 Average 0.0797 Std Dev 0.0006 Rel Std Dev(%) 0.7247
Operator's Signature 	Operator's Signature 	Operator's Signature 	Operator's Signature 



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 80-006169, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006169</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/210 L	0.005
Calibration Date:	<u>02/17/2021</u>	0.080 g/210 L	0.004
Calibration Time:	<u>13:33</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.

02/17/2021

Date

MICHAEL D HAUGHEY,
Department Inspector

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

Service • Integrity • Respect • Quality

Flow Calibration

80-006169

NXX

02/17/2021

NXX

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006169
02/17/2021
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SORT(Diff)) = 7.277
2: Rate (Liters/min) = 15
SORT(Diff)) = 12.039
3: Rate (Liters/min) = 30
SORT(Diff)) = 21.211
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 693
Rounded Intercept = -728339
Correlation = 0.99784

#2

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006169
02/17/2021
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SORT(Diff)) = 7.000
2: Rate (Liters/min) = 15
SORT(Diff)) = 11.789
3: Rate (Liters/min) = 30
SORT(Diff)) = 21.141
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 682
Rounded Intercept = -656463
Correlation = 0.99761