

Flow Calibration

80-001150

ML 5/10/2022

Both flow calibrations used ATP101 to calibrate
and ATP104 to verify the calibration.

#1

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001150
05/10/2022
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
SQRT(Diff) = 5.828
2: Rate (Liters/min) = 15
SQRT(Diff) = 10.816
3: Rate (Liters/min) = 30
SQRT(Diff) = 20.590
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 653
Rounded Intercept = -408054
Correlation = 0.99755

#2

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001150
05/10/2022
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
SQRT(Diff) = 6.000
2: Rate (Liters/min) = 15
SQRT(Diff) = 11.043
3: Rate (Liters/min) = 30
SQRT(Diff) = 20.637
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 660
Rounded Intercept = -454714
Correlation = 0.99804

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1150	Manatee CSO	05/10/2022	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
MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001150 05/10/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:14 Control Test 0.048 11:15 Air Blank 0.000 11:15 Control Test 0.049 11:16 Air Blank 0.000 11:17 Control Test 0.049 11:17 Air Blank 0.000 11:18 Control Test Stats Average 0.0487 Std Dev 0.0006 Rel Std Dev(%) 1.1863	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001150 05/10/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:20 Control Test 0.078 11:20 Air Blank 0.000 11:21 Control Test 0.077 11:22 Air Blank 0.000 11:22 Control Test 0.077 11:23 Air Blank 0.000 11:23 Control Test Stats Average 0.0773 Std Dev 0.0006 Rel Std Dev(%) 0.7466	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001150 05/10/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:27 Control Test 0.198 11:28 Air Blank 0.000 11:28 Control Test 0.198 11:29 Air Blank 0.000 11:30 Control Test 0.199 11:30 Air Blank 0.000 11:31 Control Test Stats Average 0.1993 Std Dev 0.0006 Rel Std Dev(%) 0.2911	MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001150 05/10/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:06 Control Test 0.080 11:06 Air Blank 0.000 11:07 Control Test 0.079 11:07 Air Blank 0.000 11:07 Control Test 0.080 11:08 Air Blank 0.000 11:08 Control Test Stats Average 0.0797 Std Dev 0.0006 Rel Std Dev(%) 0.7247
Operator's Signature MK	Operator's Signature MK	Operator's Signature MK	Operator's Signature MK

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO
Time of Inspection: 13:47

Date of Inspection: 05/10/2022

Serial Number: 80-001150
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	0.048	0.077	0.198	0.079
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.078	0.198	0.080
0.000	0.048	0.077	0.198	0.080
0.000	0.049	0.077	0.198	0.080
0.000	0.049	0.077	0.198	0.080
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.078	0.198	0.080

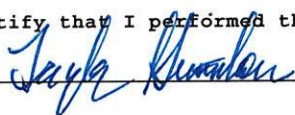
Standard Deviations	0.0004	0.0004	0.0003	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.



TAYLOR D GUTSCHOW

Signature and Printed Name

05/10/2022
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 80-001150, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001150</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>MANATEE COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>05/10/2022</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>13:47</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. 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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05/10/2022

Date

TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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