



Agency **Madison County SO**

S/N 80-001307

Date In 2/18/2021 DI Completion Date 2/19/2021

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

FDLE/ATP Form 48 January 2021
Issuing Authority: Alcohol Testing Program

Page 1 of 1

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MADISON COUNTY SO
Time of Inspection: 13:36

Date of Inspection: 02/19/2021

Serial Number: 80-001307
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#:AG011102 Exp: 04/20/2022
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.050	0.079	0.200	0.081
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.199	0.080
0.000	0.049	0.079	0.200	0.080
Standard Deviations	0.0004	0.0004	0.0004	0.0003

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.



ISRAEL SOTO

Signature and Printed Name

02/19/2021
Date

Stability Checks

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000
02/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:13
Control Test	0.049	11:14
Air Blank	0.000	11:14
Control Test	0.049	11:15
Air Blank	0.000	11:16
Control Test	0.050	11:16
Air Blank	0.000	11:17
Control Test Stats		
Average	0.0493	
Std Dev	0.0016	
Rel Std Dev(%)	1.1703	

[Signature]

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000
02/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.078	11:18
Air Blank	0.000	11:19
Control Test	0.079	11:20
Air Blank	0.000	11:20
Control Test	0.078	11:21
Air Blank	0.000	11:21
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

wet

[Signature]

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000
02/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:23
Control Test	0.199	11:23
Air Blank	0.000	11:24
Control Test	0.200	11:25
Air Blank	0.000	11:25
Control Test	0.199	11:26
Air Blank	0.000	11:26
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

Dry

[Signature]

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000
02/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:27
Control Test	0.080	11:28
Air Blank	0.000	11:28
Control Test	0.080	11:29
Air Blank	0.000	11:29
Control Test	0.080	11:29
Air Blank	0.000	11:30
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

[Signature]

Operator's Signature



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001307, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001307</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>MADISON COUNTY SO</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>02/19/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:36</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.

Digitally signed by Israel Soto
Date: 2021.02.22 09:38:39
-05'00'

Israel Soto

02/19/2021

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Flow Cal. Adjust

✓

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
02/19/2021
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 7.000

2: Rate (Liters/min) = 15

SQRT(Diff) = 11.703

3: Rate (Liters/min) = 30

SQRT(Diff) = 21.023

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 687

Rounded Intercept = -661738

Correlation = 0.99734