FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Martin County Sheriff's Office S/N 80-000831

Date In 7/21/2022 DI Completion Date 7/26/2022 ■Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake By DERR

■ Annual
☐ Registration
☐ Return from CMI / EE

Visual Inspection:
■ Case ■ Handle
■ Keyboard ■ Dry Gas Shelf
■ Feet ■ Breath Tube
■ Ports ■ Screws Tight

Other Equipment/ Accessories:
☐ Power cord ☐ Printer Cable
■ Static Bag ☐ 12V DC Cable

Notes:

Quality Checks By DERR Date 7/26/2022

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 108
■ Flow Verification (L/s)
Flow Column # ATP101
32 mm 0.132 (.139 - .169)
36 mm 0.152 (.156 - .190)
53 mm 0.218 (.228 - .278)
103 mm 0.515 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 28199
■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	202201C
		01/11/2024
0.080	MP5093	202201D
		01/18/2024
0.200	MP5094	202201E
		01/18/2024
0.080 DGS	N/A	AG115904
		06/08/2023

Flow Calibration By DERR Date 7/26/2022

Flow Column # ATP104
■ 5L/min – 17mm
■ 15L/min – 53mm
■ 30L/min – 103mm
■ R-Value 108
■ Post Calibration Verification (L/s)
Flow Column # ATP106
32 mm 0.140 (.139 - .169)
36 mm 0.167 (.156 - .190)
53 mm 0.238 (.228 - .278)
103 mm 0.507 (.447 - .547)

Maintenance By

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☐ Other

Calibration Adjustment By

Barometric Pressure Gauge ID #

Simulator	Serial #	Lot #	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection By DERR

Barometric Pressure ID# 26932
Gauge 1018 Instrument 1018
Mouth Alcohol Solution Lot # 2021-D
Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	MP5095
Interferent	MP5097
0.050	MP5092
0.080	MP5093
0.200	MP5094

Attachments

■ Form 41
■ Stability Checks
■ Calibration Certificate
☐ Calibration Adjustment
☐ Post-Stability Checks
■ Flow Calibration
☐ Form 40
☐ Other

Notes/Suggested Service: Performed flow calibration to bring values closer to nominal. DERR

■ **Instrument Complies with Chapter 11D-8, FAC**
☐ **Instrument Does Not Comply with Chapter 11D-8, FAC**
■ **Return to/Place into Evidentiary Use**
☐ **Remain Out of Evidentiary Use**
■ **Conduct an Agency Inspection Before Evidentiary Use**

Israel Soto Digitally signed by Israel Soto Date: 2022.07.26 14:07:35 -04'00'
Tech Review / Date

2022.07.26 15:13:48 -04'00'
Admin Review / 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 80-000831 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000831
Owning Agency:	MARTIN COUNTY SO
Calibration Date:	07/26/2022
Calibration Time:	11:42

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.004
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.

07/26/2022
Date

DAVID E REYES-RIVERA,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 11:42
Date of Inspection: 07/26/2022
Serial Number: 80-000831
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	0.078	0.198	0.080
0.000	0.048	0.077	0.198	0.080
0.000	0.047	0.077	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.078	0.197	0.079
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.079
0.000	0.048	0.077	0.197	0.080
0.000	0.048	0.078	0.198	0.079

Standard Deviations	0.0003	0.0005	0.0005	0.0005

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 (X) 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
Signature and Printed Name

07/26/2022
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000831	Martin County Sheriff's Office	7/26/2022	DERR

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 SN 80-000831
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:23
Control Test	0.047	07:23
Air Blank	0.000	07:24
Control Test	0.048	07:25
Air Blank	0.000	07:25
Control Test	0.048	07:26
Air Blank	0.000	07:26

Control Test Stats

Average	0.0477
Std Dev	0.0006
Rel Std Dev(%)	1.2112

Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:28
Control Test	0.078	07:28
Air Blank	0.000	07:29
Control Test	0.079	07:30
Air Blank	0.000	07:30
Control Test	0.177	07:31
Air Blank	0.000	07:31

Control Test Stats

Average	0.1780
Std Dev	0.1010
Rel Std Dev(%)	1.2821

Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:35
Control Test	0.199	07:35
Air Blank	0.000	07:36
Control Test	0.199	07:37
Air Blank	0.000	07:37
Control Test	0.199	07:38
Air Blank	0.000	07:38

Control Test Stats

Average	0.1990
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
07/26/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:41
Control Test	0.079	07:41
Air Blank	0.000	07:42
Control Test	0.080	07:42
Air Blank	0.000	07:43
Control Test	0.080	07:43
Air Blank	0.000	07:44

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
07/26/2022
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 5.477
2: Rate (Liters/min) = 15
SQRT(Diff)) = 10.438
3: Rate (Liters/min) = 30
SQRT(Diff)) = 20.172
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 656
Rounded Intercept = -352955
Correlation = 0.99752

Flow Calibration	
SN:	80-000831
Agency:	Martin County Sheriff's Office
Date:	7/26/2022
By:	DERR