INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Martin County S/N 80-000831

Date In 1/16/2020 DI Completion Date 1/27/20 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By DP

- ☑ 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: _____

Final Release Date

FDLE

JAN 27 2020

Alcohol Testing Program

Quality Checks Performed By SP

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 110
- ☒ Flow Verification (L/s)

Flow Column # ATP-103

32 mm	0.140	(.139 - .169)
36 mm	0.156	(.156 - .190)
53 mm	0.226	(.228 - .278)
103 mm	0.500	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28421

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201905A
		05/14/2021
0.080	DR1279	201905B
		05/14/2021
0.200	SD1013	201904D
		04-30-2021
0.080 DGS	N/A	AG916501
		06-14-2021

Flow Calibration Performed By SP

Flow Column # ATP102

- ☒ 5L/min – 17mm
- ☒ 15L/min – 53mm
- ☒ 30L/min – 103mm
- ☒ R-Value 117
- ☒ Post Calibration Verification (L/s)

Flow Column # ATP103

32 mm	.148	(.139 - .169)
36 mm	.167	(.156 - .190)
53 mm	.234	(.228 - .278)
103 mm	.503	(.447 - .547)

Maintenance Performed By _____

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

Temperature Checks Performed By SP

- ☒ Lab Temp °C 21.0

External Digital Therm. ID#: 300505

- ☒ 34°C +-.2 Serial #: MP5088
- ☒ 34°C +-.2 Serial #: MP5089
- ☒ 34°C +-.2 Serial #: MP5090

Calibration Adjustment Performed By _____

Barometric Pressure Gauge _____ ID # _____

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

Department Inspection Performed By SP

Barometric Pressure ID# 28421

Gauge 1014 Instrument 1008

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

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

Notes/Suggested Service: _____

- ☒ **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**

SP 1/27/20 Brett Kirkland 1/27/2020

Tech Review / Date Admin Review / Date

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 80-000831 , 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:	01/27/2020
Calibration Time:	14:21

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
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).

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.

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without written approval of the Florida Department of
Law Enforcement Alcohol Testing Program.

01/27/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

RDM BK 1/27/2020

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 14:21 Date of Inspection: 01/27/2020
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG916501 Exp: 06/14/2021
0.000	0.049	0.078	0.196	0.078
0.000	0.049	0.078	0.196	0.077
0.000	0.049	0.078	0.196	0.076
0.000	0.049	0.078	0.196	0.077
0.000	0.049	0.078	0.197	0.077
0.000	0.050	0.078	0.196	0.077
0.000	0.050	0.078	0.196	0.077
0.000	0.050	0.079	0.197	0.077
0.000	0.050	0.079	0.197	0.077
0.000	0.050	0.079	0.196	0.077

Standard Deviations	0.0005	0.0004	0.0004	0.0004

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

Remarks:

PGM
TBK
1/27/2020

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.

Shayla Platt SHAYLA D PLATT
Signature and Printed Name

01/27/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:57
Control Test	0.047	08:58
Air Blank	0.000	08:58
Control Test	0.048	08:59
Air Blank	0.000	09:00
Control Test	0.048	09:00
Air Blank	0.000	09:01

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
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:03
Control Test	0.077	09:04
Air Blank	0.000	09:04
Control Test	0.078	09:05
Air Blank	0.000	09:06
Control Test	0.079	09:06
Air Blank	0.000	09:07

Control Test Stats

Average	0.0780
Std Dev	0.0010
Rel Std Dev(%)	1.2821

wet

Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:14
Control Test	0.195	09:14
Air Blank	0.000	09:15
Control Test	0.196	09:15
Air Blank	0.000	09:16
Control Test	0.196	09:17
Air Blank	0.000	09:17

Control Test Stats

Average	0.1957
Std Dev	0.0006
Rel Std Dev(%)	0.2951

Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:30
Control Test	0.078	09:30
Air Blank	0.000	09:30
Control Test	0.078	09:31
Air Blank	0.000	09:31
Control Test	0.079	09:32
Air Blank	0.000	09:32

Control Test Stats

Average	0.0783
Std Dev	0.0006
Rel Std Dev(%)	0.7370

Dry

Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000831
01/27/2020
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.242
2: Rate (Liters/min) = 15
SQRT(Diff)) = 10.906
3: Rate (Liters/min) = 30
SQRT(Diff)) = 20.441
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 677
Rounded Intercept = -504705
Correlation = 0.99676

SP
BK
1/27/2020