INSTRUMENT PROCESSING SHEET

FDLE
Florida Department of Law Enforcement

Agency FDLE S/N 80-000224

Date In 10-13-2020 DI Completion Date 10-16-2020 ☐Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By IS

- ☑ 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 Performed By IS

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 222
- ☑ Flow Verification (L/s)

Flow Column # ATP-105

32 mm	0.148	(.139 - .169)
36 mm	0.164	(.156 - .190)
53 mm	0.242	(.228 - .278)
103 mm	0.511	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28427

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	201905A 05-14-2021
0.080	MP5089	201905B 05-14-2021
0.200	MP5090	201904D 04-30-2021
0.080 DGS	N/A	AG931603 11-12-2021

Flow Calibration Performed By

Flow Column #

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

Flow Column #

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

Maintenance Performed By IS

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

Temperature Checks Performed By IS

- ☑ Lab Temp °C 21.39

External Digital Therm. ID#: 300503

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

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2020.10.20 09:34:43 -04'00'

Calibration Adjustment Performed By IS

Barometric Pressure Gauge 1015 ID # 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5091	N/A	N/A
0.040	MP5082	20060	02-10-2022
0.100	MP5083	20190	04-06-2022
0.200	MP5084	20160	03-18-2022
0.300	MP5085	20030	01-21-2022
0.080 DGS	N/A	03519080A4	04-05-2021

- ☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	201905A	05-14-2021
0.080	MP5089	201905B	05-14-2021
0.200	MP5090	201904D	04-30-2021
0.080 DGS	N/A	AG931603	11-12-2021

Department Inspection Performed By IS

Barometric Pressure ID# 30793

Gauge 1016 Instrument 1016

Mouth Alcohol Solution Lot # 2019-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	☑ Post-Stability Checks
☑ Stability Checks	☐ Flow Calibration
☑ Calibration Certificate	☐ Form 40
☑ Calibration Adjustment	☐ 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**

Michael D Haughey 2020.10.19 13:10:49 -04'00'
Tech Review / Date

2020.10.20 09:34:12 -04'00'
Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT – INTOXILYZER 8000

Agency: FDLE
Time of Inspection: 10:44
Date of Inspection: 10/16/2020
Serial Number: 80-000224
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#:AG011102 Exp: 04/20/2022
0.000	0.050	0.078	0.206	0.079
0.000	0.050	0.079	0.206	0.079
0.000	0.050	0.078	0.205	0.079
0.000	0.050	0.079	0.205	0.080
0.000	0.050	0.079	0.206	0.079
0.000	0.051	0.079	0.206	0.080
0.000	0.050	0.079	0.206	0.079
0.000	0.050	0.079	0.205	0.079
0.000	0.051	0.080	0.207	0.080
0.000	0.051	0.079	0.205	0.078
Standard Deviations	0.0004	0.0005	0.0006	0.0006

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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.

Israel Soto
ISRAEL SOTO
Signature and Printed Name

10/16/2020
Date

2020.10.20 09:33:49 -04'00'

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:47
Control Test	0.051	13:48
Air Blank	0.000	13:48
Control Test	0.049	13:49
Air Blank	0.000	13:50
Control Test	0.045	13:50
Air Blank	0.000	13:51

Control Test Stats

Average	0.0497
Std Dev	0.0012
Rel Std Dev(%)	2.3249

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:52
Control Test	0.077	13:53
Air Blank	0.000	13:53
Control Test	0.076	13:54
Air Blank	0.000	13:54
Control Test	0.076	13:55
Air Blank	0.000	13:56

Control Test Stats

Average	0.0763
Std Dev	0.0006
Rel Std Dev(%)	0.7564

wet

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:56
Control Test	0.205	13:57
Air Blank	0.000	13:58
Control Test	0.201	13:58
Air Blank	0.000	13:59
Control Test	0.200	14:00
Air Blank	0.000	14:00

Control Test Stats

Average	0.2020
Std Dev	0.0026
Rel Std Dev(%)	1.3098

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:10
Control Test	0.081	14:11
Air Blank	0.000	14:11
Control Test	0.080	14:12
Air Blank	0.000	14:12
Control Test	0.080	14:12
Air Blank	0.000	14:13

Control Test Stats

Average	0.0803
Std Dev	0.0006
Rel Std Dev(%)	0.7187

Dry

Operator's Signature

MK

2020.10.20 09:33:28 -04'00'

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 80-000224 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000224
Owning Agency:	FDLE
Calibration Date:	10/16/2020
Calibration Time:	10:44

	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).
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.

10/16/2020
Date

Israel Soto
ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 April 2020
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

2020.10.20 09:33:06 -04'00'

Optical Bench Cal. Adj.

FDLE
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-000224
10/14/2020 09:02:12

Auto Calibration
Max Power Res Value = 29
Auto Range Res Value = 17

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12582, Sum Io = 13566
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	-0.0010	(-0.0220)
Sample #2 =	0.0200	(-0.0270)
Sample #3 =	0.0230	(-0.0030)
Sample #4 =	0.0280	(0.0440)

Avg % Abs = 0.0237 (0.0047)
STD DEV = 0.0040 (0.0361)
REL STD DEV = 17.077 (773.905)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0670	(-0.0140)
Sample #2 =	0.1030	(-0.0380)
Sample #3 =	0.0960	(-0.0140)
Sample #4 =	0.0840	(0.0000)

Avg % Abs = 0.0943 (-0.0173)
STD DEV = 0.0096 (0.0192)
REL STD DEV = 10.186 (110.873)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12669, Sum Io = 13661
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7250	(-0.0450)
Sample #2 =	0.6850	(-0.0150)
Sample #3 =	0.6830	(-0.0050)
Sample #4 =	0.6990	(0.0350)

Avg % Abs = 0.6980 (0.0050)
STD DEV = 0.0067 (0.0265)
REL STD DEV = 1.265 (529.150)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5020	(-0.0220)
Sample #2 =	1.4470	(0.0260)
Sample #3 =	1.4610	(0.0140)
Sample #4 =	1.4270	(0.0360)

Avg % Abs = 1.4450 (0.0253)
STD DEV = 0.0171 (0.0110)
REL STD DEV = 1.183 (43.481)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12659, Sum Io = 13655
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.6660	(-0.0140)
Sample #2 =	1.6760	(0.0380)
Sample #3 =	1.6720	(0.0540)
Sample #4 =	1.6860	(0.0350)

Avg % Abs = 1.6780 (0.0423)
STD DEV = 0.0072 (0.0102)
REL STD DEV = 0.430 (24.128)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4810	(0.0040)
Sample #2 =	3.4430	(0.0790)
Sample #3 =	3.4620	(0.0670)
Sample #4 =	3.4120	(0.1120)

Avg % Abs = 3.4390 (0.0860)
STD DEV = 0.0252 (0.0233)
REL STD DEV = 0.734 (27.096)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12648, Sum Io = 13647
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.3180	(-0.0180)
Sample #2 =	3.2640	(0.0220)
Sample #3 =	3.2580	(0.0670)
Sample #4 =	3.2520	(0.0490)

Avg % Abs = 3.2580 (0.0460)
STD DEV = 0.0060 (0.0226)
REL STD DEV = 0.184 (49.238)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7120	(0.0070)
Sample #2 =	6.5970	(0.1310)
Sample #3 =	6.5590	(0.1620)
Sample #4 =	6.5530	(0.1560)

Avg % Abs = 6.5697 (0.1497)
STD DEV = 0.0239 (0.0164)
REL STD DEV = 0.363 (10.986)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l ****
Samples Taken = 4, Discarded = 0
Sum Io = 12640, Sum Io = 13648
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.8510	(-0.0260)
Sample #2 =	4.7580	(0.0750)
Sample #3 =	4.7428	(0.0990)
Sample #4 =	4.7380	(0.0880)

Avg % Abs = 4.7460 (0.0847)
STD DEV = 0.0106 (0.0127)
REL STD DEV = 0.223 (14.955)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6640	(0.0000)
Sample #2 =	9.5220	(0.1620)
Sample #3 =	9.4910	(0.2000)
Sample #4 =	9.4670	(0.2050)

Avg % Abs = 9.4933 (0.1890)
STD DEV = 0.0276 (0.0235)
REL STD DEV = 0.290 (12.442)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.024
Std Dev = 0.00 Rel Std Dev = 17.08
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.689
Std Dev = 0.01 Rel Std Dev = 1.27
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.678
Std Dev = 0.01 Rel Std Dev = 0.43
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.258
Std Dev = 0.01 Rel Std Dev = 0.18
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.746
Std Dev = 0.01 Rel Std Dev = 0.22
Zero Order Coef = -51.77
First Order Coef = 2779.74
Second Order Coef = 50.52
Standard Deviation = 14.873244

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.094
Std Dev = 0.01 Rel Std Dev = 10.19
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.445
Std Dev = 0.02 Rel Std Dev = 1.18
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.439
Std Dev = 0.03 Rel Std Dev = 0.73
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.570
Std Dev = 0.02 Rel Std Dev = 0.36
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.493
Std Dev = 0.03 Rel Std Dev = 0.29
Zero Order Coef = -116.03
First Order Coef = 1362.35
Second Order Coef = 16.23
Standard Deviation = 12.703492

MK

2020.10.20 09:32:35 -04'00'

Optical Bench Cal. Adj.

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0004
0.100	0.100	0.0001
0.200	0.200	-0.0004
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0004
0.100	0.100	0.0000
0.200	0.200	-0.0002
0.300	0.300	0.0001

```
Sol Value = 0.380 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  3403.00
Sample #2 =  3403.00
Sample #3 =  3510.00
Sample #4 =  3358.00
Average Result = 3423.6667
STD DEV = 78.0790
REL STD DEV = 2.281
**********
***** CHANNEL 2
Sample #1 =  3330.00
Sample #2 =  3340.00
Sample #3 =  3389.00
Sample #4 =  3350.00
Average Result = 3359.6667
STD DEV = 25.8908
REL STD DEV = 0.771
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1015
  3 um H20 Adjust (mg/l*10,000) = 386
  9 um H20 Adjust (mg/l*10,000) = 450
**** AUTO CAL PASS
```

MK

2020.10.20 09:32:11 -04'00'

Post Stability Checks

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:31
Control Test	0.049	08:32
Air Blank	0.000	08:32
Control Test	0.049	08:33
Air Blank	0.000	08:34
Control Test	0.048	08:34
Air Blank	0.000	08:35
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:36
Control Test	0.079	08:37
Air Blank	0.000	08:37
Control Test	0.077	08:38
Air Blank	0.000	08:39
Control Test	0.077	08:39
Air Blank	0.000	08:40
Control Test Stats		
Average	0.0777	
Std Dev	0.0012	
Rel Std Dev(%)	1.4867	

wet

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:43
Control Test	0.203	08:44
Air Blank	0.000	08:45
Control Test	0.201	08:45
Air Blank	0.000	08:46
Control Test	0.201	08:47
Air Blank	0.000	08:47
Control Test Stats		
Average	0.2017	
Std Dev	0.0012	
Rel Std Dev(%)	0.5726	

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
10/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:49
Control Test	0.079	08:49
Air Blank	0.000	08:49
Control Test	0.080	08:50
Air Blank	0.000	08:50
Control Test	0.080	08:51
Air Blank	0.000	08:51
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Dry

Operator's Signature

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency FDLE S/N 80-000224

Date In 1/16/2020 DI Completion Date 1/22/20 ☐Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By DP

- ☒ Annual
- ☐ Registration
- ☐ Return from CMI / EE

Visual Inspection:

- ☒ Case
- ☒ Keyboard
- ☒ Feet
- ☒ Ports
- ☒ Handle
- ☒ Dry Gas Shelf
- ☒ Breath Tube
- ☒ Screws Tight

Other Equipment/ Accessories:

- ☒ Power cord
- ☒ Static Bag
- ☐ Printer Cable
- ☐ 12V DC Cable

Notes: _____

Final Release Date

FDLE

JAN 27 2020

Alcohol Testing Program

Quality Checks Performed By DP

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 207
- ☒ Flow Verification (L/s)

Flow Column # ATP-103

32 mm 0.156 (.139 - .169)
36 mm 0.167 (.156 - .190)
53 mm 0.242 (.228 - .278)
103 mm 0.480 (.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	201907D 07-30-2021
0.080 DGS	N/A	AG916501 06-14-2021

Flow Calibration Performed By _____

Flow Column # _____

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

Flow Column # _____

32 mm _____ (.139 - .169)
36 mm _____ (.156 - .190)
53 mm _____ (.228 - .278)
103 mm _____ (.447 - .547)

Maintenance Performed By _____

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

Temperature Checks Performed By SP

- ☒ Lab Temp °C 21.2

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 1024 Instrument 1022

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**

JPM 1/23/20 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 80-000224 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000224
Owning Agency:	FDLE
Calibration Date:	01/22/2020
Calibration Time:	13:13

	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.

01/22/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

PJM
BK 1/27/2020

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FDLE
Time of Inspection: 13:13 Date of Inspection: 01/22/2020 Serial Number: 80-000224
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	0.050	0.082	0.204	0.081
0.000	0.051	0.082	0.205	0.079
0.000	0.050	0.082	0.205	0.080
0.000	0.051	0.082	0.205	0.080
0.000	0.050	0.083	0.204	0.079
0.000	0.050	0.083	0.205	0.079
0.000	0.050	0.082	0.205	0.079
0.000	0.051	0.082	0.205	0.079
0.000	0.051	0.082	0.205	0.080
0.000	0.051	0.083	0.205	0.080
Standard Deviations	0.0005	0.0004	0.0004	0.0006

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

Remarks:

RJM
BK
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

01/22/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:45
Control Test	0.050	10:46
Air Blank	0.000	10:46
Control Test	0.050	10:47
Air Blank	0.000	10:48
Control Test	0.050	10:48
Air Blank	0.000	10:49

Control Test Stats

Average	0.0500
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:51
Control Test	0.080	10:51
Air Blank	0.000	10:52
Control Test	0.080	10:53
Air Blank	0.000	10:53
Control Test	0.080	10:54
Air Blank	0.000	10:54

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

wet

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:56
Control Test	0.204	10:57
Air Blank	0.000	10:58
Control Test	0.203	10:58
Air Blank	0.000	10:59
Control Test	0.203	11:00
Air Blank	0.000	11:00

Control Test Stats

Average	0.2033
Std Dev	0.0006
Rel Std Dev(%)	0.2839

Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000224
01/22/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.080	11:05
Air Blank	0.000	11:05
Control Test	0.082	11:06
Air Blank	0.000	11:06
Control Test	0.082	11:07
Air Blank	0.000	11:07

Control Test Stats

Average	0.0813
Std Dev	0.0012
Rel Std Dev(%)	1.4197

Dry

Operator's Signature

1/27/2020