INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Brevard CSO S/N 80-001166

Date In 07/10/2020 DI Completion Date 07/14/2020 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By TDG

- ☑ 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: Missing keyboard, not able to examine as part of Visual Inspection

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program Date: 2020.07.17 11:36:37 -04'00'

Quality Checks Performed By TDG

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 214
- ☑ Flow Verification (L/s)

Flow Column # ATP101

32 mm	0.156	(.139 - .169)
36 mm	0.171	(.156 - .190)
53 mm	0.242	(.228 - .278)
103 mm	0.507	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 68639

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201905A
		05/14/2021
0.080	SD3968	201905B
		05/14/2021
0.200	SD3969	201904D
		04/30/2021
0.080 DGS	N/A	AG003005
		01/30/2022

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 MH

- ☑ Lab Temp °C 21.74

External Digital Therm. ID#: 300504

- ☑ 34°C +-.2 Serial #: MP5092
- ☑ 34°C +-.2 Serial #: MP5093
- ☑ 34°C +-.2 Serial #: MP5097

Calibration Adjustment Performed By MH

Barometric Pressure Gauge 1016 ID # 28199

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5098	19080	03/04/2021
0.100	MP5099	19160	07/09/2021
0.200	MP5100	19040	01/29/2021
0.300	MP5101	19010	01/03/2021
0.080 DGS	N/A	08819080A1	06/05/2021

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5092	201905A	05/14/2021
0.080	MP5093	201905B	05/14/2021
0.200	MP5097	201904D	04/30/2021
0.080 DGS	N/A	AG003005	01/30/2022

Department Inspection Performed By MH

Barometric Pressure ID# 28663

Gauge 1016 Instrument 1016

Mouth Alcohol Solution Lot # 2019-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	SD1014
Interferent	SD1015
0.050	MP5092
0.080	MP5093
0.200	MP5097

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**

David Eliezer Reyes Rivera — Digitally signed by David Eliezer Reyes Rivera Date: 2020.07.16 12:57:10 -04'00'

Tech Review / Date

Brett Kirkland 2020.07.17 11:32:38 -04'00'

Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BREVARD COUNTY SO
Time of Inspection: 12:08
Date of Inspection: 07/14/2020
Serial Number: 80-001166
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#:AG003005 Exp: 01/30/2022
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.081
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.079	0.199	0.080
Standard Deviations	0.0000	0.0000	0.0003	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0001 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.

MICHAEL D HAUGHEY
Signature and Printed Name

07/14/2020
Date

DERR Digitally signed by DERR Date: 2020.07.16 12:46:42 -04'00'

FDLE/ATP Form 41 –Revised August 2005

BK 2020.07.17 11:33:49 -04'00'

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-00 1166	Brevard CSO	07/13/2020	MG

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 ☒

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:44
Control Test	0.049	14:45
Air Blank	0.000	14:45
Control Test	0.049	14:46
Air Blank	0.000	14:46
Control Test	0.050	14:47
Air Blank	0.000	14:48

Control Test Stats

Average	0.0493
Std Dev	0.0006
Rel Std Dev(%)	1.1703

Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:49
Control Test	0.081	14:50
Air Blank	0.000	14:50
Control Test	0.081	14:51
Air Blank	0.000	14:52
Control Test	0.080	14:52
Air Blank	0.000	14:53

Control Test Stats

Average	0.0807
Std Dev	0.0006
Rel Std Dev(%)	0.7157

Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:54
Control Test	0.200	14:55
Air Blank	0.000	14:55
Control Test	0.200	14:56
Air Blank	0.000	14:56
Control Test	0.201	14:57
Air Blank	0.000	14:58

Control Test Stats

Average	0.2003
Std Dev	0.0006
Rel Std Dev(%)	0.2882

Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/13/2020
Software: 8100.27

DGS

Test	g/210L	Time
Air Blank	0.000	14:59
Control Test	0.087	14:59
Air Blank	0.000	15:00
Control Test	0.086	15:00
Air Blank	0.000	15:01
Control Test	0.085	15:01
Air Blank	0.000	15:02

Control Test Stats

Average	0.0860
Std Dev	0.0010
Rel Std Dev(%)	1.1628

Operator's Signature

DERR Digitally signed by DERR
Date: 2020.07.16 12:45:29 -04'00'

BK 2020.07.17 11:34:15 -04'00'

Failed stabilities. Will perform optical calibration. MG 7/13/2020

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities POST	80-001166	Brevard County SO	7/14/2020	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 ☑

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.049	09:40
Air Blank	0.000	09:41
Control Test	0.049	09:42
Air Blank	0.000	09:42
Control Test	0.049	09:43
Air Blank	0.000	09:43

Control Test Stats

Average	0.049
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MK
Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:44
Control Test	0.079	09:45
Air Blank	0.000	09:46
Control Test	0.079	09:46
Air Blank	0.000	09:47
Control Test	0.079	09:48
Air Blank	0.000	09:48

Control Test Stats

Average	0.0790
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MK
Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:51
Control Test	0.210	09:52
Air Blank	0.000	09:52
Control Test	0.199	09:53
Air Blank	0.000	09:54
Control Test	0.199	09:54
Air Blank	0.000	09:55

Control Test Stats

Average	0.1993
Std Dev	0.0006
Rel Std Dev(%)	0.2896

MK
Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:56
Control Test	0.081	09:57
Air Blank	0.000	09:57
Control Test	0.081	09:58
Air Blank	0.000	09:58
Control Test	0.080	09:58
Air Blank	0.000	09:59

Control Test Stats

Average	0.0807
Std Dev	0.0006
Rel Std Dev(%)	0.7157

MK
Operator's Signature

DERR Digitally signed by DERR
Date: 2020.07.16 12:43:55 -04'00'

BK 2020.07.17 11:34:46 -04'00'

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 80-001166 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

		UNCERTAINTY* ±	
Serial Number:	80-001166		
Owning Agency:	BREVARD COUNTY SO	0.050 g/ 210 L	0.004
Calibration Date:	07/14/2020	0.080 g/ 210 L	0.005
Calibration Time:	12:08	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.

07/14/2020
Date

MICHAEL D HAUGHEY,
Department Inspector

DERR Digitally signed by DERR Date: 2020.07.16 12:43:05 -04'00'

BK 2020.07.17 11:35:12 -04'00'

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
07/14/2020 04:50:49

Auto Calibration
Max Power Res Value = 22
Auto Range Res Value = 11

Sol Value = 0.080 g/210L ***
Fit value = 0.0810 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12871, Sum Io = 13584

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1550	(-0.0080)
Sample #2 =	0.1700	(0.0070)
Sample #3 =	0.1670	(0.0030)
Sample #4 =	0.1570	(-0.0060)

Avg % Abs = 0.1647 (0.0007)
STD DEV = 0.0068 (0.0068)
REL STD DEV = 4.134 (1021.025)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1350	(-0.0030)
Sample #2 =	0.1400	(-0.0010)
Sample #3 =	0.1560	(0.0150)
Sample #4 =	0.1230	(0.0040)

Avg % Abs = 0.1397 (0.0027)
STD DEV = 0.0165 (0.0032)
REL STD DEV = 11.816 (120.546)

Sol Value = 0.040 g/210L ***
Fit value = 0.0405 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12872, Sum Io = 13581

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9460	(-0.0220)
Sample #2 =	0.9500	(-0.0180)
Sample #3 =	0.9450	(-0.0230)
Sample #4 =	0.9730	(0.0050)

Avg % Abs = 0.9360 (-0.0195)
STD DEV = 0.0201 (0.0093)
REL STD DEV = 2.145 (89.918)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5870	(0.0000)
Sample #2 =	1.5870	(0.0030)
Sample #3 =	1.5670	(0.0080)
Sample #4 =	1.5760	(0.0110)

Avg % Abs = 1.5767 (0.0073)
STD DEV = 0.0100 (0.0040)
REL STD DEV = 0.635 (55.111)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12879, Sum Io = 13579

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0660	(-0.0090)
Sample #2 =	2.0520	(0.0050)
Sample #3 =	2.0190	(0.0230)
Sample #4 =	2.0380	(0.0110)

Avg % Abs = 2.0363 (0.0113)
STD DEV = 0.0166 (0.0092)
REL STD DEV = 0.813 (70.501)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6770	(-0.0100)
Sample #2 =	3.6380	(0.0090)
Sample #3 =	3.6470	(0.0050)
Sample #4 =	3.6640	(-0.0070)

Avg % Abs = 3.6497 (0.0023)
STD DEV = 0.0132 (0.0083)
REL STD DEV = 0.362 (356.857)

Sol Value = 0.200 g/210L ***
Fit value = 0.1524 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12879, Sum Io = 13580

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8510	(0.0000)
Sample #2 =	3.8660	(0.0000)
Sample #3 =	3.8640	(0.0020)
Sample #4 =	3.8260	(0.0140)

Avg % Abs = 3.8520 (0.0053)
STD DEV = 0.0225 (0.0076)
REL STD DEV = 0.585 (141.973)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0210	(-0.0110)
Sample #2 =	7.0090	(0.0200)
Sample #3 =	6.9970	(0.0200)
Sample #4 =	6.9930	(0.0240)

Avg % Abs = 6.9997 (0.0213)
STD DEV = 0.0083 (0.0023)
REL STD DEV = 0.119 (10.825)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12883, Sum Io = 13578

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.6160	(-0.0120)
Sample #2 =	5.5840	(0.0200)
Sample #3 =	5.5570	(0.0310)
Sample #4 =	5.5890	(0.0070)

Avg % Abs = 5.5767 (0.0193)
STD DEV = 0.0172 (0.0158)
REL STD DEV = 0.309 (82.141)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.1530	(-0.0100)
Sample #2 =	10.0900	(0.0210)
Sample #3 =	10.0930	(0.0260)
Sample #4 =	10.1020	(0.0240)

Avg % Abs = 10.0950 (0.0237)
STD DEV = 0.0062 (0.0025)
REL STD DEV = 0.062 (10.634)

Calibration
Adj
80-00 1166
07/14/2020
MK

***** AUTO CAL DATA *****

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.165
Std Dev = 0.01 Rel Std Dev = 4.13
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.936
Std Dev = 0.02 Rel Std Dev = 2.14
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.036
Std Dev = 0.02 Rel Std Dev = 0.81
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.852
Std Dev = 0.02 Rel Std Dev = 0.59
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.577
Std Dev = 0.02 Rel Std Dev = 0.31
Zero Order Coef = -412.36
First Order Coef = 2468.07
Second Order Coef = 29.91
Standard Deviation = 17.494108

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.140
Std Dev = 0.02 Rel Std Dev = 11.82
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.577
Std Dev = 0.01 Rel Std Dev = 0.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.650
Std Dev = 0.01 Rel Std Dev = 0.36
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.000
Std Dev = 0.01 Rel Std Dev = 0.12
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.095
Std Dev = 0.01 Rel Std Dev = 0.06
Zero Order Coef = -171.79
First Order Coef = 1295.17
Second Order Coef = 13.46
Standard Deviation = 21.470272

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.000
0.040	0.040	-0.0004
0.100	0.099	0.0005
0.200	0.200	-0.0003
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0000
0.100	0.099	0.0006
0.200	0.201	-0.0006
0.300	0.300	0.0002

Sol Value = 0.080 g/210L ***
Fit value = 0.08 [illegible] mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2350.00
Sample #2 = 2381.00
Sample #3 = 2314.00
Sample #4 = 2365.00
Average Result = 2353.3333
STD DEV = 34.9905
REL STD DEV = 1.487
****
***** CHANNEL 2
Sample #1 = 3034.00
Sample #2 = 2997.00
Sample #3 = 2960.00
Sample #4 = 2994.00
Average Result = 2983.6667
STD DEV = 20.5518
REL STD DEV = 0.689
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1016
3 um H2O Adjust (mg/l*10,000) = 1.456
9 um H2O Adjust (mg/l*10,000) = 828
**** AUTO CAL PASS

DERR
Digitally signed by DERR
Date: 2020.07.16 12:42:16 -04'00'

BK
2020.07.17 11:35:38 -04'00'

INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Brevard County Sheriff's Office S/N 80-001166

Date In 03/26/2020 DI Completion Date 4/1/2020 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By RAW

- ☑ 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: No keyboard present. Broken Keyboard peg. Missing foot on dry gas shelf.

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program Date: 2020.04.09 14:36:38 -04'00'

Quality Checks Performed By RAW

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 215
- ☒ Flow Verification (L/s)

Flow Column # ATP-102

32 mm	0.156	(.139 - .169)
36 mm	0.171	(.156 - .190)
53 mm	0.238	(.228 - .278)
103 mm	0.503	(.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 _____

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

Temperature Checks Performed By SP

- ☑ Lab Temp °C 22.1

External Digital Therm. ID#: 300503

- ☑ 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# 30793

Gauge 1011 Instrument 1010

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
- ☑ 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**

Michael D Haughey 2020.04.09 12:45:29 -04'00' — Tech Review / Date

Brett Kirkland 2020.04.09 14:28:36 -04'00' — 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 80-001166 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001166
Owning Agency:	BREVARD COUNTY SO
Calibration Date:	04/01/2020
Calibration Time:	14:56

	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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

04/01/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

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

Service • Integrity • Respect • Quality

BK 9 14:30:06 -04'00' 2020.04.0

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BREVARD COUNTY SO
Time of Inspection: 14:56
Date of Inspection: 04/01/2020
Serial Number: 80-001166
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#:AG931603 Exp: 11/12/2021
0.000	0.048	0.078	0.198	0.080
0.000	0.047	0.078	0.197	0.079
0.000	0.047	0.078	0.198	0.079
0.000	0.047	0.078	0.198	0.079
0.000	0.047	0.078	0.198	0.080
0.000	0.047	0.078	0.198	0.079
0.000	0.047	0.078	0.197	0.079
0.000	0.047	0.078	0.198	0.079
0.000	0.047	0.078	0.198	0.080
0.000	0.048	0.079	0.198	0.079
Standard Deviations	0.0004	0.0003	0.0004	0.0004

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

Remarks:

MH

BK 2020.04.09 14:31:09 -04'00'

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

04/01/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
04/01/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:45
Control Test	0.049	08:46
Air Blank	0.000	08:46
Control Test	0.049	08:47
Air Blank	0.000	08:47
Control Test	0.050	08:48
Air Blank	0.000	08:48

Control Test Stats

Average	0.0493
Std Dev	0.0006
Rel Std Dev(%)	1.1703

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
04/01/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:50
Control Test	0.080	08:50
Air Blank	0.000	08:51
Control Test	0.079	08:52
Air Blank	0.000	08:52
Control Test	0.079	08:53
Air Blank	0.000	08:53

Control Test Stats

Average	0.0793
Std Dev	0.0006
Rel Std Dev(%)	0.7277

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
04/01/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:55
Control Test	0.200	08:56
Air Blank	0.000	08:57
Control Test	0.199	08:57
Air Blank	0.000	08:58
Control Test	0.200	08:59
Air Blank	0.000	08:59

Control Test Stats

Average	0.1997
Std Dev	0.0006
Rel Std Dev(%)	0.2892

wet

Operator's Signature

Operator's Signature

Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001166
04/01/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:01
Control Test	0.081	09:01
Air Blank	0.000	09:02
Control Test	0.080	09:02
Air Blank	0.000	09:03
Control Test	0.080	09:03
Air Blank	0.000	09:04

Control Test Stats

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

Dry

Operator's Signature

MH

BK 2020.04.09 14:31:48 -04'00'

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: BREVARD COUNTY SO
Time of Inspection: 08:43 Date of Inspection: 04/01/2020
Serial Number: 80-001166
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:
BYPASSED AI TO OPERATE INSTRUMENT

MH

2020.04.09 14:32:26 -04'00'

SA
N/A Compliancy not determined

The above instrument complies (X) does not comply ( ) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Israel Soto ISRAEL SOTO
Signature and Printed Name

04/01/2020
Date

FDLE/ATP Form 40 – March 2004

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Brevard County S/N 80-001166

Date In 8/8/2019 DI Completion Date _____ ☐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: Keyboard Missing

Final Release Date

Quality Checks Performed By _____

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

Flow Column # _____

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

- ☐ Barometric Pressure Check

Gauge ID # _____

- ☐ Stability Checks

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

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 _____

- ☐ Lab Temp °C _____

External Digital Therm. ID#: _____

- ☐ 34°C +-.2 Serial #: _____
- ☐ 34°C +-.2 Serial #: _____
- ☐ 34°C +-.2 Serial #: _____

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 _____

Barometric Pressure ID# _____

Gauge _____ Instrument _____

Mouth Alcohol Solution Lot # _____

Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.000	
Interferent	
0.050	
0.080	
0.200	

Attachments

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

Notes/Suggested Service: Sending to Repair due to DSP Fail on Diagnostic check.

- ☐ **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**

Tech Review / Date _____ Admin Review / Date _____

MH

BK 2020.04.09 14:33:24 -04'00'