INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Miami-Dade Police Department S/N 80-006895

Date In 01/15/2019 DI Completion Date 1/15/2019 ☐Ship ☐P/U ☑H/D ☐CMI ☐EE

Intake Performed By DCLL

- ☑ 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 23 2019

Alcohol Testing Program

Quality Checks Performed By DCLL

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 196
- ☑ Flow Verification (L/s)

Flow Column # ATP 106

32 mm	.152	(.139 - .169)
36 mm	.171	(.156 - .190)
53 mm	.242	(.228 - .278)
103 mm	.496	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28663

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D
		07/25/2019
0.080	SD3968	201707E
		07/25/2019
0.200	SD3969	201707C
		07/24/2019
0.080 DGS	N/A	AG805701
		02/26/2020

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 DCLL

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☑ Other Form load/Changed pass

Temperature Checks Performed By DCLL

- ☑ Lab Temp °C 22.50C

External Digital Therm. ID#: 300949 / 300918 DCLL

- ☑ 34°C +-.2 Serial #: SD3967
- ☑ 34°C +-.2 Serial #: SD3968
- ☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By DCLL

Barometric Pressure Gauge 1020 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	MP4864	17410	12/06/2019
0.100	MP4863	18070	02/26/2020
0.200	SD3963	17340	10/09/2019
0.300	2108	18110	04/02/2020
0.080 DGS	N/A	34416080A2	02/05/2019

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3967	201707D	07/25/2019
0.080	SD3968	201707E	07/25/2019
0.200	SD3969	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By DCLL

Barometric Pressure ID# 68639

Gauge 1020 Instrument 1020

Mouth Alcohol Solution Lot # 2017-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

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

Notes/Suggested Service: E-mailed ☑ APPROVED

Approved date 1/16/2019

DERR

Digitally signed by DERR
Date: 2020.05.20 13:51:33 -04'00'

- ☑ **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**

DCLL 1/23/19 DCLL — Tech Review / Date

1/23/19 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI DADE P.D. Serial Number: 80-006895
Time of Inspection: 19:51 Date of Inspection: 01/15/2019 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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805701 Exp: 02/26/2020
0.000	0.047	0.078	0.197	0.079
0.000	0.048	0.078	0.197	0.080
0.000	0.047	0.078	0.197	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.047	0.078	0.197	0.079
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.047	0.079	0.196	0.080
0.000	0.047	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080

Standard Deviations	0.0005	0.0005	0.0003	0.0005

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

PGM

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 Reyes Rivera DAVID E REYES-RIVERA
Signature and Printed Name

01/15/2019
Date

1/23/19

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006895	Miami-Dade Police Department	01/15/2019	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.10c	SN: SD3968 Temp: 34.09c	SN: SD3969 Temp:34.10c	Lot AG805701
0.047 to 0.053 ☑	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☒

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:19
Control Test	0.048	16:20
Air Blank	0.000	16:21
Control Test	0.049	16:21
Air Blank	0.000	16:22
Control Test	0.049	16:22
Air Blank	0.000	16:23
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

DERR
Operator's Signature

1/23/19

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:24
Control Test	0.080	16:25
Air Blank	0.000	16:25
Control Test	0.081	16:26
Air Blank	0.000	16:27
Control Test	0.080	16:27
Air Blank	0.000	16:28
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DERR
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:29
Control Test	0.198	16:30
Air Blank	0.000	16:31
Control Test	0.198	16:31
Air Blank	0.000	16:32
Control Test	0.197	16:33
Air Blank	0.000	16:33
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

DERR
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:36
Control Test	0.084	16:36
Air Blank	0.000	16:37
Control Test	0.082	16:37
Air Blank	0.000	16:38
Control Test	0.081	16:38
Air Blank	0.000	16:38
Control Test Stats		
Average	0.0823	
Std Dev	0.0015	
Rel Std Dev(%)	1.8553	

DERR
Operator's Signature

RBM

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 80-006895 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006895
Owning Agency:	MIAMI DADE P.D.
Calibration Date:	01/15/2019
Calibration Time:	19:51

	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).

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.

01/15/2019
Date

DAVID E REYES-RIVERA,
Department Inspector

1/23/19

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019 16:47:28

Auto Calibration
Max Power Res Value = 89
Auto Range Res Value = 66

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12750, 9um Io = 13354

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0260	(-0.0110)
Sample #2 =	0.0210	(0.0180)
Sample #3 =	0.0620	(0.0240)
Sample #4 =	0.0560	(0.0450)

Avg % Abs = 0.0463 (0.0290)
STD DEV = 0.0221 (0.0142)
REL STD DEV = 47.792 (48.888)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1310	(-0.0070)
Sample #2 =	0.1340	(0.0000)
Sample #3 =	0.1540	(-0.0030)
Sample #4 =	0.1550	(0.0040)

Avg % Abs = 0.1477 (0.0003)
STD DEV = 0.0118 (0.0035)
REL STD DEV = 8.022 (1053.565)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12744, 9um Io = 13355

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7940	(-0.0180)
Sample #2 =	0.7730	(0.0000)
Sample #3 =	0.8000	(0.0000)
Sample #4 =	0.7780	(0.0140)

Avg % Abs = 0.7837 (0.0047)
STD DEV = 0.0144 (0.0081)
REL STD DEV = 1.833 (173.205)

1/23/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5160	(0.0040)
Sample #2 =	1.5090	(0.0130)
Sample #3 =	1.5190	(0.0080)
Sample #4 =	1.5190	(0.0080)

Avg % Abs = 1.5157 (0.0097)
STD DEV = 0.0058 (0.0029)
REL STD DEV = 0.381 (29.863)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12736, 9um Io = 13352

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7640	(-0.0140)
Sample #2 =	1.7760	(-0.0100)
Sample #3 =	1.7700	(-0.0040)
Sample #4 =	1.7760	(0.0060)

Avg % Abs = 1.7740 (-0.0027)
STD DEV = 0.0035 (0.0081)
REL STD DEV = 0.195 (303.109)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4350	(0.0100)
Sample #2 =	3.4470	(0.0130)
Sample #3 =	3.4490	(0.0110)
Sample #4 =	3.4400	(0.0200)

Avg % Abs = 3.4453 (0.0147)
STD DEV = 0.0047 (0.0047)
REL STD DEV = 0.137 (32.221)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12735, 9um Io = 13349

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4980	(-0.0200)
Sample #2 =	3.5020	(-0.0160)
Sample #3 =	3.4700	(0.0240)
Sample #4 =	3.5180	(-0.0010)

Avg % Abs = 3.4967 (0.0023)
STD DEV = 0.0244 (0.0202)
REL STD DEV = 0.699 (866.026)

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

Sample	% Abs	Abs Ref)
Sample #1 =	6.5890	(-0.0200)
Sample #2 =	6.6000	(-0.0110)
Sample #3 =	6.5840	(0.0000)
Sample #4 =	6.5860	(0.0000)

Avg % Abs = 6.5900 (-0.0037)
STD DEV = 0.0087 (0.0064)
REL STD DEV = 0.132 (173.205)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12727, 9um Io = 13341

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.9890	(0.0000)
Sample #2 =	5.0580	(0.0020)
Sample #3 =	5.0110	(0.0410)
Sample #4 =	5.0590	(0.0050)

Avg % Abs = 5.0427 (0.0160)
STD DEV = 0.0274 (0.0217)
REL STD DEV = 0.544 (135.641)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.3450	(-0.0060)
Sample #2 =	9.3740	(0.0300)
Sample #3 =	9.3740	(0.0400)
Sample #4 =	9.3730	(0.0430)

Avg % Abs = 9.3737 (0.0377)
STD DEV = 0.0006 (0.0068)
REL STD DEV = 0.006 (18.071)

Optical Calibration
SN: 80-006895
Agency: Miami-Dade P.D.
Date: 01/15/2019
Quadratic Fit: +/-0.002g/210L
By: MLL

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.046
Std Dev = 0.02 Rel Std Dev = 47.79
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.784
Std Dev = 0.01 Rel Std Dev = 1.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.774
Std Dev = 0.00 Rel Std Dev = 0.20
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.497
Std Dev = 0.02 Rel Std Dev = 0.70
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.043
Std Dev = 0.03 Rel Std Dev = 0.54
Zero Order Coef = -123.34
First Order Coef = 2615.56
Second Order Coef = 47.00
Standard Deviation = 67.067780

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.148
Std Dev = 0.01 Rel Std Dev = 8.02
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.516
Std Dev = 0.01 Rel Std Dev = 0.38
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.445
Std Dev = 0.00 Rel Std Dev = 0.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.590
Std Dev = 0.01 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.374
Std Dev = 0.00 Rel Std Dev = 0.01
Zero Order Coef = -180.67
First Order Coef = 1344.96
Second Order Coef = 20.88
Standard Deviation = 47.302944

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0000
0.040	0.041	-0.0011
0.100	0.098	0.0020
0.200	0.202	-0.0015
0.300	0.300	0.0005

Solution Stats Q ... ic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0004
0.040	0.040	-0.0000
0.100	0.099	0.0013
0.200	0.201	-0.0014
0.300	0.299	0.0005

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3421.00
Sample #2 = 3346.00
Sample #3 = 3257.00
Sample #4 = 3354.00
Average Result = 3319.0000
STD DEV = 53.8424
REL STD DEV = 1.622
****
***** CHANNEL 2
Sample #1 = 3328.00
Sample #2 = 3251.00
Sample #3 = 3218.00
Sample #4 = 3267.00
Average Result = 3245.3333
STD DEV = 24.9867
REL STD DEV = 0.770
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1020
3 um H20 Adjust (mg/l*10,000) = 490
9 um H20 Adjust (mg/l*10,000) = 564
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-006895	Miami-Dade Police Department	01/15/2019	Dell

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.10c	SN: SD3968 Temp: 34.09c	SN: SD3969 Temp:34.10c	Lot AG805701
0.047 to 0.053 ☑	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☑

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:31
Control Test	0.048	17:32
Air Blank	0.000	17:32
Control Test	0.049	17:33
Air Blank	0.000	17:34
Control Test	0.048	17:34
Air Blank	0.000	17:35

Control Test Stats

Average	0.0483
Std Dev	0.0006
Rel Std Dev(%)	1.1945

Dell
Operator's Signature

1/29/19

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:36
Control Test	0.079	17:37
Air Blank	0.000	17:37
Control Test	0.079	17:38
Air Blank	0.000	17:38
Control Test	0.079	17:39
Air Blank	0.000	17:40

Control Test Stats

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

Dell
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:41
Control Test	0.198	17:42
Air Blank	0.000	17:43
Control Test	0.198	17:43
Air Blank	0.000	17:44
Control Test	0.199	17:45
Air Blank	0.000	17:45

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

Dell
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:47
Control Test	0.080	17:47
Air Blank	0.000	17:47
Control Test	0.079	17:48
Air Blank	0.000	17:48
Control Test	0.079	17:48
Air Blank	0.000	17:49

Control Test Stats

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

Dell
Operator's Signature

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Miami-Dade Police Department S/N 80-006895

Date In 01/15/2019 DI Completion Date 1/15/2019 ☐Ship ☐P/U ☑H/D ☐CMI ☐EE

Intake Performed By DCLL

- ☑ 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 23 2019

Alcohol Testing Program

Quality Checks Performed By DCLL

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 196
- ☑ Flow Verification (L/s)

Flow Column # ATP 106

32 mm	.152	(.139 - .169)
36 mm	.171	(.156 - .190)
53 mm	.242	(.228 - .278)
103 mm	.496	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28663

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D
		07/25/2019
0.080	SD3968	201707E
		07/25/2019
0.200	SD3969	201707C
		07/24/2019
0.080 DGS	N/A	AG805701
		02/26/2020

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 DCLL

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☑ Other Form load/Changed pass

Temperature Checks Performed By DCLL

- ☑ Lab Temp °C 22.50C

External Digital Therm. ID#: 300949 / 300918 DCLL

- ☑ 34°C +-.2 Serial #: SD3967
- ☑ 34°C +-.2 Serial #: SD3968
- ☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By DCLL

Barometric Pressure Gauge 1020 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	MP4864	17410	12/06/2019
0.100	MP4863	18070	02/26/2020
0.200	SD3963	17340	10/09/2019
0.300	2108	18110	04/02/2020
0.080 DGS	N/A	34416080A2	02/05/2019

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3967	201707D	07/25/2019
0.080	SD3968	201707E	07/25/2019
0.200	SD3969	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By DCLL

Barometric Pressure ID# 68639

Gauge 1020 Instrument 1020

Mouth Alcohol Solution Lot # 2017-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

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

Notes/Suggested Service: E-mailed ✓ APPROVED

- ☑ **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**

DCLL 1/23/19 DCLL — Tech Review / Date

1/23/19 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI DADE P.D. Serial Number: 80-006895
Time of Inspection: 19:51 Date of Inspection: 01/15/2019 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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805701 Exp: 02/26/2020
0.000	0.047	0.078	0.197	0.079
0.000	0.048	0.078	0.197	0.080
0.000	0.047	0.078	0.197	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.047	0.078	0.197	0.079
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.047	0.079	0.196	0.080
0.000	0.047	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080

Standard Deviations	0.0005	0.0005	0.0003	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 Reyes Rivera DAVID E REYES-RIVERA
Signature and Printed Name

01/15/2019
Date

1/23/19

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006895	Miami-Dade Police Department	01/15/2019	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.10c	SN: SD3968 Temp: 34.09c	SN: SD3969 Temp:34.10c	Lot AG805701
0.047 to 0.053 ☑	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☒

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:19
Control Test	0.048	16:20
Air Blank	0.000	16:21
Control Test	0.049	16:21
Air Blank	0.000	16:22
Control Test	0.049	16:22
Air Blank	0.000	16:23
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

DERR
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:24
Control Test	0.080	16:25
Air Blank	0.000	16:25
Control Test	0.081	16:26
Air Blank	0.000	16:27
Control Test	0.080	16:27
Air Blank	0.000	16:28
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DERR
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:29
Control Test	0.198	16:30
Air Blank	0.000	16:31
Control Test	0.198	16:31
Air Blank	0.000	16:32
Control Test	0.197	16:33
Air Blank	0.000	16:33
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

DERR
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:36
Control Test	0.084	16:36
Air Blank	0.000	16:37
Control Test	0.082	16:37
Air Blank	0.000	16:38
Control Test	0.081	16:38
Air Blank	0.000	16:38
Control Test Stats		
Average	0.0823	
Std Dev	0.0015	
Rel Std Dev(%)	1.8553	

DERR
Operator's Signature

1/23/19

RBM

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 80-006895 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006895
Owning Agency:	MIAMI DADE P.D.
Calibration Date:	01/15/2019
Calibration Time:	19:51

	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).

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.

01/15/2019
Date

DAVID E REYES-RIVERA,
Department Inspector

1/23/19

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019 16:47:28

Auto Calibration
Max Power Res Value = 89
Auto Range Res Value = 66

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12750, 9um Io = 13354

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0260	(-0.0110)
Sample #2 =	0.0210	(0.0180)
Sample #3 =	0.0620	(0.0240)
Sample #4 =	0.0560	(0.0450)

Avg % Abs = 0.0463 (0.0290)
STD DEV = 0.0221 (0.0142)
REL STD DEV = 47.792 (48.888)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1310	(-0.0070)
Sample #2 =	0.1340	(0.0000)
Sample #3 =	0.1540	(-0.0030)
Sample #4 =	0.1550	(0.0040)

Avg % Abs = 0.1477 (0.0003)
STD DEV = 0.0118 (0.0035)
REL STD DEV = 8.022 (1053.565)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12744, 9um Io = 13355

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7940	(-0.0180)
Sample #2 =	0.7730	(0.0000)
Sample #3 =	0.8000	(0.0000)
Sample #4 =	0.7780	(0.0140)

Avg % Abs = 0.7837 (0.0047)
STD DEV = 0.0144 (0.0081)
REL STD DEV = 1.833 (173.205)

1/23/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5160	(0.0040)
Sample #2 =	1.5090	(0.0130)
Sample #3 =	1.5190	(0.0080)
Sample #4 =	1.5190	(0.0080)

Avg % Abs = 1.5157 (0.0097)
STD DEV = 0.0058 (0.0029)
REL STD DEV = 0.381 (29.863)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12736, 9um Io = 13352

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7640	(-0.0140)
Sample #2 =	1.7760	(-0.0100)
Sample #3 =	1.7700	(-0.0040)
Sample #4 =	1.7760	(0.0060)

Avg % Abs = 1.7740 (-0.0027)
STD DEV = 0.0035 (0.0081)
REL STD DEV = 0.195 (303.109)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4350	(0.0100)
Sample #2 =	3.4470	(0.0130)
Sample #3 =	3.4490	(0.0110)
Sample #4 =	3.4400	(0.0200)

Avg % Abs = 3.4453 (0.0147)
STD DEV = 0.0047 (0.0047)
REL STD DEV = 0.137 (32.221)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12735, 9um Io = 13349

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4980	(-0.0200)
Sample #2 =	3.5020	(-0.0160)
Sample #3 =	3.4700	(0.0240)
Sample #4 =	3.5180	(-0.0010)

Avg % Abs = 3.4967 (0.0023)
STD DEV = 0.0244 (0.0202)
REL STD DEV = 0.699 (866.026)

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

Sample	% Abs	Abs Ref)
Sample #1 =	6.5890	(-0.0200)
Sample #2 =	6.6000	(-0.0110)
Sample #3 =	6.5840	(0.0000)
Sample #4 =	6.5860	(0.0000)

Avg % Abs = 6.5900 (-0.0037)
STD DEV = 0.0087 (0.0064)
REL STD DEV = 0.132 (173.205)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12727, 9um Io = 13341

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.9890	(0.0000)
Sample #2 =	5.0580	(0.0020)
Sample #3 =	5.0110	(0.0410)
Sample #4 =	5.0590	(0.0050)

Avg % Abs = 5.0427 (0.0160)
STD DEV = 0.0274 (0.0217)
REL STD DEV = 0.544 (135.641)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.3450	(-0.0060)
Sample #2 =	9.3740	(0.0300)
Sample #3 =	9.3740	(0.0400)
Sample #4 =	9.3730	(0.0430)

Avg % Abs = 9.3737 (0.0377)
STD DEV = 0.0006 (0.0068)
REL STD DEV = 0.006 (18.071)

Optical Calibration
SN: 80-006895
Agency: Miami-Dade P.D.
Date: 01/15/2019
Quadratic Fit: +/-0.002g/210L
By:

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.046
Std Dev = 0.02 Rel Std Dev = 47.79
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.784
Std Dev = 0.01 Rel Std Dev = 1.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.774
Std Dev = 0.00 Rel Std Dev = 0.20
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.497
Std Dev = 0.02 Rel Std Dev = 0.70
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.043
Std Dev = 0.03 Rel Std Dev = 0.54
Zero Order Coef = -123.34
First Order Coef = 2615.56
Second Order Coef = 47.00
Standard Deviation = 67.067780

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.148
Std Dev = 0.01 Rel Std Dev = 8.02
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.516
Std Dev = 0.01 Rel Std Dev = 0.38
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.445
Std Dev = 0.00 Rel Std Dev = 0.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.590
Std Dev = 0.01 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.374
Std Dev = 0.00 Rel Std Dev = 0.01
Zero Order Coef = -180.67
First Order Coef = 1344.96
Second Order Coef = 20.88
Standard Deviation = 47.302944

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0000
0.040	0.041	-0.0011
0.100	0.098	0.0020
0.200	0.202	-0.0015
0.300	0.300	0.0005

Solution Stats Q ic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0004
0.040	0.040	-0.0000
0.100	0.099	0.0013
0.200	0.201	-0.0014
0.300	0.299	0.0005

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3421.00
Sample #2 = 3346.00
Sample #3 = 3257.00
Sample #4 = 3354.00
Average Result = 3319.0000
STD DEV = 53.8424
REL STD DEV = 1.622
****
***** CHANNEL 2
Sample #1 = 3328.00
Sample #2 = 3251.00
Sample #3 = 3218.00
Sample #4 = 3267.00
Average Result = 3245.3333
STD DEV = 24.9867
REL STD DEV = 0.770
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1020
3 um H20 Adjust (mg/l*10,000) = 490
9 um H20 Adjust (mg/l*10,000) = 564
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-006895	Miami-Dade Police Department	01/15/2019	Dell

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.10c	SN: SD3968 Temp: 34.09c	SN: SD3969 Temp:34.10c	Lot AG805701
0.047 to 0.053 ☑	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☑

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:31
Control Test	0.048	17:32
Air Blank	0.000	17:32
Control Test	0.049	17:33
Air Blank	0.000	17:34
Control Test	0.048	17:34
Air Blank	0.000	17:35
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Dell
Operator's Signature

11/29/19

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:36
Control Test	0.079	17:37
Air Blank	0.000	17:37
Control Test	0.079	17:38
Air Blank	0.000	17:38
Control Test	0.079	17:39
Air Blank	0.000	17:40
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dell
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:41
Control Test	0.198	17:42
Air Blank	0.000	17:43
Control Test	0.198	17:43
Air Blank	0.000	17:44
Control Test	0.199	17:45
Air Blank	0.000	17:45
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

Dell
Operator's Signature

MIAMI DADE P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006895
01/15/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:47
Control Test	0.080	17:47
Air Blank	0.000	17:47
Control Test	0.079	17:48
Air Blank	0.000	17:48
Control Test	0.079	17:48
Air Blank	0.000	17:49
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Dell
Operator's Signature

11/29/19