FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Miami-Dade Police Department S/N 80-001276

Date In 9/11/2018 DI Completion Date 9/12/2018 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By MDH

☑ 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: EE Cal Cert

Final Release Date

FDLE

SEP 19 2018

Alcohol Testing Program

Quality Checks Performed By DCLL

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 176
☑ Flow Verification (L/s)
Flow Column # ATP 101
32 mm .156 (.139 - .169)
36 mm .171 (.156 - .190)
53 mm .242 (.228 - .278)
103 mm .503 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28199
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D 07/25/2019
0.080	SD3963	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

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

Temperature Checks Performed By DCLL

☑ Lab Temp °C 21.90C
External Digital Therm. ID#: 300949
☑ 34°C +-.2 Serial #: SD3967
☑ 34°C +-.2 Serial #: SD3963
☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By DCLL

Barometric Pressure Gauge 1014 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	2237	17410	12/06/2019
0.100	2238	18070	02/26/2020
0.200	2239	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	SD3963	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 1014 Instrument 1015
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	SD3963
0.200	SD3969

Attachments

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

9/19/18 Tech Review / Date

9/19/18 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI-DADE PD
Time of Inspection: 14:38 Date of Inspection: 09/12/2018
Serial Number: 80-001276
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	0.049	0.082	0.197	0.078
0.000	0.050	0.082	0.199	0.078
0.000	0.049	0.082	0.199	0.079
0.000	0.049	0.082	0.199	0.078
0.000	0.049	0.082	0.200	0.078
0.000	0.049	0.082	0.199	0.078
0.000	0.050	0.082	0.200	0.078
0.000	0.050	0.082	0.199	0.078
0.000	0.050	0.082	0.199	0.078
0.000	0.049	0.082	0.200	0.078

Standard Deviations	0.0005	0.0000	0.0008	0.0003

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

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

09/12/2018
Date

9/19/18 JD

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001276	Miami-Dade Police Department	09/12/2018	DEL

0.05g/210L

SN: SD3967 Temp: 34.09c

0.047 to 0.053 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:19
Control Test	0.049	06:20
Air Blank	0.000	06:20
Control Test	0.049	06:21
Air Blank	0.000	06:21
Control Test	0.049	06:22
Air Blank	0.000	06:22

Control Test Stats

Average	0.0490
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DEL
Operator's Signature

9/19/18

0.08g/210L

SN: SD3963 Temp: 34.09c

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:25
Control Test	0.082	06:26
Air Blank	0.000	06:26
Control Test	0.081	06:27
Air Blank	0.000	06:28
Control Test	0.081	06:28
Air Blank	0.000	06:29

Control Test Stats

Average	0.0813
Std Dev	0.0006
Rel Std Dev(%)	0.7099

DEL
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.11c

0.194 to 0.206 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:30
Control Test	0.202	06:31
Air Blank	0.000	06:31
Control Test	0.201	06:32
Air Blank	0.000	06:32
Control Test	0.202	06:33
Air Blank	0.000	06:34

Control Test Stats

Average	0.2017
Std Dev	0.0006
Rel Std Dev(%)	0.2863

DEL
Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☒

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:35
Control Test	0.000	06:35
Air Blank	0.000	06:36
Control Test	0.076	06:36
Air Blank	0.000	06:37
Control Test	0.077	06:37
Air Blank	0.000	06:38

Control Test Stats

Average	0.0510
Std Dev	0.0442
Rel Std Dev(%)	86.6081

DEL
Operator's Signature

9/19/18

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities **Second Test**	80-001276	Miami Dade Police Department	09/12/2018	

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 ☒
X	X	X	

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:38
Control Test	0.077	06:39
Air Blank	0.000	06:39
Control Test	0.078	06:40
Air Blank	0.000	06:40
Control Test	0.077	06:40
Air Blank	0.000	06:41

Control Test Stats

Average	0.0773
Std Dev	0.0006
Rel Std Dev(%)	0.7466

Operator's Signature

9/19/18

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 80-001276 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001276		UNCERTAINTY* ±
Owning Agency:	MIAMI-DADE PD	0.050 g/ 210 L	0.004
Calibration Date:	09/12/2018	0.080 g/ 210 L	0.005
Calibration Time:	14:38	0.200 g/ 210 L	0.008
		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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09/12/2018
Date

DAVID E REYES-RIVERA,
Department Inspector

9/19/18

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018 07:20:44

Auto Calibration
Max Power Res Value = 80
Auto Range Res Value = 59

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12659, 9um Io = 13856

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1160	(-0.0120)
Sample #2 =	0.1180	(0.0080)
Sample #3 =	0.1070	(0.0190)
Sample #4 =	0.1040	(0.0240)

Avg % Abs = 0.1097 (0.0170)
STD DEV = 0.0074 (0.0082)
REL STD DEV = 6.721 (48.149)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1050	(-0.0120)
Sample #2 =	0.1170	(-0.0310)
Sample #3 =	0.1270	(-0.0410)
Sample #4 =	0.1050	(-0.0360)

Avg % Abs = 0.1163 (-0.0360)
STD DEV = 0.0110 (0.0050)
REL STD DEV = 9.469 (13.889)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12659, 9um Io = 13862

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8030	(-0.0060)
Sample #2 =	0.8250	(-0.0040)
Sample #3 =	0.7910	(0.0140)
Sample #4 =	0.7900	(0.0150)

Avg % Abs = 0.8020 (0.0083)
STD DEV = 0.0199 (0.0107)
REL STD DEV = 2.484 (128.312)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5300	(0.0010)
Sample #2 =	1.5260	(-0.0070)
Sample #3 =	1.4960	(0.0080)
Sample #4 =	1.5230	(-0.0090)

Avg % Abs = 1.5150 (-0.0027)
STD DEV = 0.0165 (0.0093)
REL STD DEV = 1.091 (348.434)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12659, 9um Io = 13865

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8760	(-0.0230)
Sample #2 =	1.8960	(-0.0160)
Sample #3 =	1.8600	(0.0040)
Sample #4 =	1.8580	(-0.0020)

Avg % Abs = 1.8713 (-0.0047)
STD DEV = 0.0214 (0.0103)
REL STD DEV = 1.143 (219.926)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5980	(-0.0070)
Sample #2 =	3.5840	(0.0070)
Sample #3 =	3.5630	(0.0230)
Sample #4 =	3.5760	(0.0190)

Avg % Abs = 3.5743 (0.0163)
STD DEV = 0.0106 (0.0083)
REL STD DEV = 0.297 (50.980)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12660, 9um Io = 13865

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5910	(-0.0190)
Sample #2 =	3.6030	(-0.0250)
Sample #3 =	3.5780	(-0.0160)
Sample #4 =	3.5480	(-0.0050)

Avg % Abs = 3.5763 (-0.0153)
STD DEV = 0.0275 (0.0100)
REL STD DEV = 0.770 (65.326)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8490	(-0.0030)
Sample #2 =	6.8040	(0.0110)
Sample #3 =	6.8230	(0.0140)
Sample #4 =	6.7760	(0.0320)

Avg % Abs = 6.8010 (0.0190)
STD DEV = 0.0236 (0.0114)
REL STD DEV = 0.348 (59.778)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12666, 9um Io = 13862

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.2710	(-0.0050)
Sample #2 =	5.2540	(0.0120)
Sample #3 =	5.2480	(0.0180)
Sample #4 =	5.2300	(0.0060)

Avg % Abs = 5.2440 (0.0120)
STD DEV = 0.0125 (0.0060)
REL STD DEV = 0.238 (50.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9080	(-0.0110)
Sample #2 =	9.8850	(0.0050)
Sample #3 =	9.8750	(-0.0140)
Sample #4 =	9.8480	(-0.0210)

Avg % Abs = 9.8693 (-0.0100)
STD DEV = 0.0191 (0.0135)
REL STD DEV = 0.194 (134.536)

Optical Calibration
SN: 80-001276
Agency: Miami-Dade P.D.
Date: 9/12/2018
Quadratic Fit: +/-0.002g/210L
By:

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.110
Std Dev = 0.01 Rel Std Dev = 6.72
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.802
Std Dev = 0.02 Rel Std Dev = 2.48
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.871
Std Dev = 0.02 Rel Std Dev = 1.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.576
Std Dev = 0.03 Rel Std Dev = 0.77
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.244
Std Dev = 0.01 Rel Std Dev = 0.24
Zero Order Coef = -275.47
First Order Coef = 2660.19
Second Order Coef = 22.19
Standard Deviation = 20.447186

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.116
Std Dev = 0.01 Rel Std Dev = 9.47
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.515
Std Dev = 0.02 Rel Std Dev = 1.09
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.574
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.801
Std Dev = 0.02 Rel Std Dev = 0.35
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.869
Std Dev = 0.02 Rel Std Dev = 0.19
Zero Order Coef = -151.49
First Order Coef = 1329.80
Second Order Coef = 13.49
Standard Deviation = 9.019916

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0003
0.040	0.039	0.0007
0.100	0.100	-0.0004
0.200	0.200	0.0000
0.300	0.300	0.0000

Solution Stats Quadratic Fit Chan 2

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

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2977.00
Sample #2 = 2924.00
Sample #3 = 2872.00
Sample #4 = 2945.00
Average Result = 2913.6667
STD DEV = 37.5810
REL STD DEV = 1.290
****
***** CHANNEL 2
Sample #1 = 3342.00
Sample #2 = 3312.00
Sample #3 = 3338.00
Sample #4 = 3370.00
Average Result = 3340.0000
STD DEV = 29.0517
REL STD DEV = 0.870
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1014
3 um H20 Adjust (mg/l*10,000) = 896
9 um H20 Adjust (mg/l*10,000) = 469
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities 2	80-001276	Miami-Dade Police Department	09/12/2018	DLL

0.05g/210L

SN: SD3967 Temp: 34.09c

0.047 to 0.053 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:17
Control Test	0.050	08:18
Air Blank	0.000	08:18
Control Test	0.050	08:19
Air Blank	0.000	08:19
Control Test	0.050	08:20
Air Blank	0.000	08:21

Control Test Stats

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

DLL
Operator's Signature

9/12/18

0.08g/210L

SN: SD3963 Temp: 34.09c

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:22
Control Test	0.083	08:22
Air Blank	0.000	08:23
Control Test	0.082	08:24
Air Blank	0.000	08:24
Control Test	0.082	08:25
Air Blank	0.000	08:25

Control Test Stats

Average	0.0823
Std Dev	0.0006
Rel Std Dev(%)	0.7012

DLL
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.11c

0.194 to 0.206 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:27
Control Test	0.202	08:27
Air Blank	0.000	08:28
Control Test	0.203	08:29
Air Blank	0.000	08:29
Control Test	0.203	08:30
Air Blank	0.000	08:30

Control Test Stats

Average	0.2027
Std Dev	0.0006
Rel Std Dev(%)	0.2849

DLL
Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☒

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:32
Control Test	0.078	08:32
Air Blank	0.000	08:33
Control Test	0.078	08:33
Air Blank	0.000	08:33
Control Test	0.078	08:34
Air Blank	0.000	08:34

Control Test Stats

Average	0.0780
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DLL
Operator's Signature

WDM

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018 08:41:07

Auto Calibration
Max Power Res Value = 81
Auto Range Res Value = 60

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12828, 9um Io = 13941

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1190	(-0.0260)
Sample #2 =	0.0690	(0.0240)
Sample #3 =	0.1120	(0.0040)
Sample #4 =	0.0580	(0.0350)

Avg % Abs = 0.0797 (0.0210)
STD DEV = 0.0285 (0.0157)
REL STD DEV = 35.820 (74.839)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1240	(-0.0130)
Sample #2 =	0.0950	(0.0000)
Sample #3 =	0.1170	(-0.0060)
Sample #4 =	0.0930	(0.0070)

Avg % Abs = 0.1017 (0.0003)
STD DEV = 0.0133 (0.0065)
REL STD DEV = 13.098 (1951.922)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12825, 9um Io = 13941

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8190	(-0.0160)
Sample #2 =	0.8080	(0.0120)
Sample #3 =	0.8230	(-0.0050)
Sample #4 =	0.7890	(0.0160)

Avg % Abs = 0.8067 (0.0077)
STD DEV = 0.0170 (0.0112)
REL STD DEV = 2.112 (145.441)

9/12/18

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5290	(-0.0210)
Sample #2 =	1.5040	(0.0020)
Sample #3 =	1.5130	(-0.0070)
Sample #4 =	1.5100	(0.0030)

Avg % Abs = 1.5090 (-0.0007)
STD DEV = 0.0046 (0.0055)
REL STD DEV = 0.304 (826.136)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12876, 9um Io = 13964

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8300	(-0.0130)
Sample #2 =	1.8500	(-0.0160)
Sample #3 =	1.8910	(-0.0280)
Sample #4 =	1.8820	(-0.0190)

Avg % Abs = 1.8743 (-0.0210)
STD DEV = 0.0215 (0.0062)
REL STD DEV = 1.150 (29.738)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5340	(-0.0140)
Sample #2 =	3.5460	(-0.0090)
Sample #3 =	3.5930	(-0.0270)
Sample #4 =	3.5940	(-0.0280)

Avg % Abs = 3.5777 (-0.0213)
STD DEV = 0.0274 (0.0107)
REL STD DEV = 0.767 (50.122)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12877, 9um Io = 13966

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5390	(-0.0140)
Sample #2 =	3.5340	(0.0140)
Sample #3 =	3.5900	(-0.0100)
Sample #4 =	3.5490	(0.0120)

Avg % Abs = 3.5577 (0.0053)
STD DEV = 0.0290 (0.0133)
REL STD DEV = 0.815 (249.687)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7390	(-0.0090)
Sample #2 =	6.7660	(0.0180)
Sample #3 =	6.8140	(-0.0050)
Sample #4 =	6.7970	(0.0050)

Avg % Abs = 6.7923 (0.0060)
STD DEV = 0.0243 (0.0115)
REL STD DEV = 0.358 (192.209)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12878, 9um Io = 13969

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.2490	(-0.0240)
Sample #2 =	5.2920	(-0.0120)
Sample #3 =	5.2350	(0.0140)
Sample #4 =	5.2410	(0.0160)

Avg % Abs = 5.2560 (0.0060)
STD DEV = 0.0313 (0.0156)
REL STD DEV = 0.596 (260.342)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8950	(-0.0050)
Sample #2 =	9.9660	(0.0200)
Sample #3 =	9.9430	(0.0210)
Sample #4 =	9.9380	(0.0120)

Avg % Abs = 9.9490 (0.0177)
STD DEV = 0.0149 (0.0049)
REL STD DEV = 0.150 (27.922)

Optical Calibration 2
SN: 80-001276
Agency: Miami-Dade P.D.
Date: 9/12/2018
Quadratic Fit: +/-0.002g/210L
By: DRen

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.080
Std Dev = 0.03 Rel Std Dev = 35.82
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.807
Std Dev = 0.02 Rel Std Dev = 2.11
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.874
Std Dev = 0.02 Rel Std Dev = 1.15
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.558
Std Dev = 0.03 Rel Std Dev = 0.81
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.256
Std Dev = 0.03 Rel Std Dev = 0.60
Zero Order Coef = -233.57
First Order Coef = 2647.31
Second Order Coef = 22.56
Standard Deviation = 38.541416

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.102
Std Dev = 0.01 Rel Std Dev = 13.10
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.509
Std Dev = 0.00 Rel Std Dev = 0.30
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.578
Std Dev = 0.03 Rel Std Dev = 0.77
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.792
Std Dev = 0.02 Rel Std Dev = 0.36
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.949
Std Dev = 0.01 Rel Std Dev = 0.15
Zero Order Coef = -148.84
First Order Coef = 1344.66
Second Order Coef = 10.81
Standard Deviation = 29.331867

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0005
0.040	0.040	-0.0002
0.100	0.101	-0.0010
0.200	0.199	0.0011
0.300	0.300	-0.0004

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0003
0.040	0.040	-0.0000
0.100	0.101	-0.0008
0.200	0.199	0.0009
0.300	0.300	-0.0003

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2988.00
Sample #2 = 2996.00
Sample #3 = 2930.00
Sample #4 = 3006.00
Average Result = 2977.3333
STD DEV = 41.2957
REL STD DEV = 1.387
****
***** CHANNEL 2
Sample #1 = 3367.00
Sample #2 = 3379.00
Sample #3 = 3381.00
Sample #4 = 3379.00
Average Result = 3379.6667
STD DEV = 1.1547
REL STD DEV = 0.034
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 832
9 um H20 Adjust (mg/l*10,000) = 430
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities 3	80-001276	Miami-Dade Police Department	09/12/2018	DCR

0.05g/210L

SN: SD3967 Temp: 34.09c

0.047 to 0.053 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.050	11:01
Air Blank	0.000	11:01
Control Test	0.051	11:02
Air Blank	0.000	11:03
Control Test	0.050	11:03
Air Blank	0.000	11:04

Control Test Stats

Average	0.0503
Std Dev	0.0006
Rel Std Dev(%)	1.1471

Operator's Signature

9/19/18

0.08g/210L

SN: SD3963 Temp: 34.09c

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:06
Control Test	0.082	11:06
Air Blank	0.000	11:07
Control Test	0.083	11:08
Air Blank	0.000	11:08
Control Test	0.083	11:09
Air Blank	0.000	11:09

Control Test Stats

Average	0.0827
Std Dev	0.0006
Rel Std Dev(%)	0.6984

Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.11c

0.194 to 0.206 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:12
Control Test	0.202	11:13
Air Blank	0.000	11:13
Control Test	0.203	11:14
Air Blank	0.000	11:15
Control Test	0.204	11:15
Air Blank	0.000	11:16

Control Test Stats

Average	0.2030
Std Dev	0.0010
Rel Std Dev(%)	0.4926

Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8101.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.078	11:18
Air Blank	0.000	11:18
Control Test	0.079	11:19
Air Blank	0.000	11:19
Control Test	0.079	11:19
Air Blank	0.000	11:20

Control Test Stats

Average	0.0787
Std Dev	0.0006
Rel Std Dev(%)	0.7339

Operator's Signature

```
MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-001276
09/12/2018                        11:31:45

Auto Calibration
Max Power Res Value = 81
Auto Range Res Value = 59

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12784, 9um Io = 13914
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.1110      (-0.0100)
Sample #2 =  0.1240      (0.0100)
Sample #3 =  0.1150      (0.0250)
Sample #4 =  0.1320      (0.0160)
Avg % Abs = 0.1237  (0.0170)
STD DEV =  0.0085  (0.0075)
REL STD DEV = 6.877  (44.411)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.1490      (-0.0060)
Sample #2 =  0.1310      (-0.0070)
Sample #3 =  0.1260      (0.0000)
Sample #4 =  0.1260      (0.0000)
Avg % Abs = 0.1277  (-0.0023)
STD DEV =  0.0029  (0.0040)
REL STD DEV = 2.261  (173.205)
-------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12779, 9um Io = 13912
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.7880      (0.0040)
Sample #2 =  0.8320      (-0.0090)
Sample #3 =  0.8330      (-0.0040)
Sample #4 =  0.7840      (0.0160)
Avg % Abs = 0.8163  (0.0010)
STD DEV =  0.0280  (0.0132)
REL STD DEV = 3.431  (1322.875)
-------------------
```

9/9/18

```
     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  1.4970      (0.0000)
Sample #2 =  1.5380      (-0.0130)
Sample #3 =  1.5490      (-0.0180)
Sample #4 =  1.5300      (-0.0070)
Avg % Abs = 1.5390  (-0.0127)
STD DEV =  0.0095  (0.0055)
REL STD DEV = 0.620  (43.481)
-------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12779, 9um Io = 13914
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  1.9020      (-0.0240)
Sample #2 =  1.8730      (0.0050)
Sample #3 =  1.8970      (-0.0040)
Sample #4 =  1.8660      (0.0040)
Avg % Abs = 1.8787  (0.0017)
STD DEV =  0.0163  (0.0049)
REL STD DEV = 0.865  (295.973)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  3.5850      (-0.0140)
Sample #2 =  3.5760      (0.0170)
Sample #3 =  3.5860      (0.0000)
Sample #4 =  3.6000      (0.0000)
Avg % Abs = 3.5873  (0.0057)
STD DEV =  0.0121  (0.0098)
REL STD DEV = 0.336  (173.205)
-------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12779, 9um Io = 13914
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  3.5630      (-0.0110)
Sample #2 =  3.6150      (-0.0160)
Sample #3 =  3.6070      (0.0080)
Sample #4 =  3.5890      (0.0100)
Avg % Abs = 3.6037  (0.0007)
STD DEV =  0.0133  (0.0145)
REL STD DEV = 0.370  (2170.255)
-------------------
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  6.7730      (0.0110)
Sample #2 =  6.8460      (0.0030)
Sample #3 =  6.8920      (0.0000)
Sample #4 =  6.8430      (0.0060)
Avg % Abs = 6.8603  (0.0030)
STD DEV =  0.0275  (0.0030)
REL STD DEV = 0.400  (100.000)
-------------------

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12778, 9um Io = 13912
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  5.2870      (-0.0240)
Sample #2 =  5.3200      (-0.0150)
Sample #3 =  5.2620      (0.0040)
Sample #4 =  5.2780      (-0.0120)
Avg % Abs = 5.2867  (-0.0077)
STD DEV =  0.0300  (0.0102)
REL STD DEV = 0.567  (133.231)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  9.9450      (-0.0020)
Sample #2 = 10.0100      (-0.0050)
Sample #3 =  9.9740      (-0.0100)
Sample #4 =  9.9520      (0.0000)
Avg % Abs = 9.9787  (-0.0050)
STD DEV =  0.0293  (0.0050)
REL STD DEV = 0.293  (100.000)
-------------------
```

Optical Calibration 3
SN: 80-001276
Agency: Miami-Dade P.D.
Date: 9/12/2018
Quadratic Fit: +/-0.002g/210L
By:

```
     ***** AUTO CAL DATA *****
     <<<<<  CHANNEL 1  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.124
 Std Dev =   0.01 Rel Std Dev =   6.88
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.816
 Std Dev =   0.03 Rel Std Dev =   3.43
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.879
 Std Dev =   0.02 Rel Std Dev =   0.87
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.604
 Std Dev =   0.01 Rel Std Dev =   0.37
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    5.287
 Std Dev =   0.03 Rel Std Dev =   0.57
Zero Order Coef = -313.99
First Order Coef = 2672.52
Second Order Coef =  16.69
Standard Deviation =  16.478939
-------------------
     <<<<<  CHANNEL 2  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.128
 Std Dev =   0.00 Rel Std Dev =   2.26
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.539
 Std Dev =   0.01 Rel Std Dev =   0.62
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.587
 Std Dev =   0.01 Rel Std Dev =   0.34
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.860
 Std Dev =   0.03 Rel Std Dev =   0.40
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.979
 Std Dev =   0.03 Rel Std Dev =   0.29
Zero Order Coef = -172.70
First Order Coef = 1334.30
Second Order Coef =  11.49
Standard Deviation =   2.174219
-------------------

-----------------------------------
| Solution Stats Quadratic Fit Chan 1 |
| Act       Fit       Residual      |
| g/210L    g/210L    g/210L        |
| 0.000     0.000     -0.0004       |
| 0.040     0.039     0.0005        |
| 0.100     0.100     -0.0001       |
| 0.200     0.200     -0.0002       |
| 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    0.0000        |
| 0.040     0.040     -0.0001       |
| 0.100     0.100     0.0000        |
| 0.200     0.200     0.0000        |
| 0.300     0.300     -0.0000       |
-----------------------------------

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  2952.00
Sample #2 =  3000.00
Sample #3 =  2961.00
Sample #4 =  2953.00
Average Result = 2971.3333
STD DEV = 25.1462
REL STD DEV = 0.846
**********
***** CHANNEL 2
Sample #1 =  3337.00
Sample #2 =  3358.00
Sample #3 =  3327.00
Sample #4 =  3345.00
Average Result = 3343.3333
STD DEV = 15.5671
REL STD DEV = 0.466
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1015
  3 um H20 Adjust (mg/l*10,000) = 838
  9 um H20 Adjust (mg/l*10,000) = 466
**** AUTO CAL PASS
```

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities 4	80-001276	Miami-Dade Police Department	09/12/2018	DGR

0.05g/210L

SN: SD3967 Temp: 34.09c

0.047 to 0.053 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:30
Control Test	0.049	12:31
Air Blank	0.000	12:31
Control Test	0.050	12:32
Air Blank	0.000	12:32
Control Test	0.050	12:33
Air Blank	0.000	12:33

Control Test Stats

Average	0.0497
Std Dev	0.0006
Rel Std Dev(%)	1.1625

DGR
Operator's Signature

8/9/18

0.08g/210L

SN: SD3963 Temp: 34.09c

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:35
Control Test	0.080	12:35
Air Blank	0.000	12:36
Control Test	0.082	12:37
Air Blank	0.000	12:37
Control Test	0.082	12:38
Air Blank	0.000	12:38

Control Test Stats

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

DGR
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.11c

0.194 to 0.206 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:42
Control Test	0.199	12:43
Air Blank	0.000	12:44
Control Test	0.200	12:44
Air Blank	0.000	12:45
Control Test	0.200	12:46
Air Blank	0.000	12:46

Control Test Stats

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

DGR
Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001276
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:58
Control Test	0.079	12:58
Air Blank	0.000	12:59
Control Test	0.079	12:59
Air Blank	0.000	12:59
Control Test	0.078	13:00
Air Blank	0.000	13:00

Control Test Stats

Average	0.0787
Std Dev	0.0005
Rel Std Dev(%)	0.7339

DGR
Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI-DADE PD
Time of Inspection: 06:15 Date of Inspection: 09/12/2018

Serial Number: 80-001276
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:
COMPLIANCE NOT DETERMINED AI NOT CONDUCTED

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.

DAVID E REYES-RIVERA
Signature and Printed Name

09/12/2018
Date

9/19/18
JD

FDLE/ATP Form 40 – March 2004