FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Miami-Dade Police Department S/N 80-005550

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

Intake Performed By MDA

☑ 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: Key board (extra)
EE Cal Cert

Final Release Date

FDLE

SEP 19 2018

Alcohol Testing Program

Quality Checks Performed By Dell

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 171
☑ Flow Verification (L/s)
Flow Column # ATP 101
32 mm .156 (.139 - .169)
36 mm .164 (.156 - .190)
53 mm .238 (.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 Dell

☑ 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 Dell

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 Dell

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**

PJM 9/19/18 — Tech Review / Date

J J Kahan 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: 14:51 Date of Inspection: 09/12/2018

Serial Number: 80-005550
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	0.050	0.082	0.203	0.078
0.000	0.050	0.082	0.203	0.078
0.000	0.050	0.082	0.203	0.078
0.000	0.050	0.083	0.203	0.077
0.000	0.050	0.082	0.203	0.077
0.000	0.050	0.082	0.203	0.077
0.000	0.050	0.083	0.203	0.077
0.000	0.050	0.082	0.203	0.078
0.000	0.050	0.083	0.204	0.078
0.000	0.050	0.083	0.204	0.077

Standard Deviations	0.0000	0.0005	0.0004	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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 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	80-005550	Miami-Dade Police Department	09/12/2018	DERL

0.05g/210L

SN: SD3967 Temp: 34.09c

0.047 to 0.053 ☑

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:23
Control Test	0.049	06:24
Air Blank	0.000	06:24
Control Test	0.049	06:25
Air Blank	0.000	06:26
Control Test	0.049	06:26
Air Blank	0.000	06:27
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

Printed on external printer.

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 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:29
Control Test	0.081	06:30
Air Blank	0.000	06:31
Control Test	0.080	06:31
Air Blank	0.000	06:32
Control Test	0.081	06:33
Air Blank	0.000	06:33
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

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 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:34
Control Test	0.200	06:35
Air Blank	0.000	06:35
Control Test	0.198	06:36
Air Blank	0.000	06:37
Control Test	0.199	06:37
Air Blank	0.000	06:38
Control Test Stats		
Average	0.1990	
Std Dev	0.0010	
Rel Std Dev(%)	0.5025	

Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☒

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:42
Control Test	0.076	06:42
Air Blank	0.000	06:43
Control Test	0.077	06:43
Air Blank	0.000	06:44
Control Test	0.076	06:44
Air Blank	0.000	06:44
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

Operator's Signature

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 80-005550 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-005550		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:	14:51	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.

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

09/12/2018
Date

DAVID E REYES-RIVERA,
Department Inspector

FDLE/ATP Form 69 July 2018
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

9/19/18

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018 07:20:57

Auto Calibration
Max Power Res Value = 98
Auto Range Res Value = 72

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12490, 9um Io = 13709

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0400	(-0.0140)
Sample #2 =	0.0440	(0.0170)
Sample #3 =	0.0390	(0.0410)
Sample #4 =	0.0400	(0.0530)

Avg % Abs = 0.0410 (0.0370)
STD DEV = 0.0026 (0.0183)
REL STD DEV = 6.453 (49.541)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1440	(-0.0230)
Sample #2 =	0.1010	(-0.0070)
Sample #3 =	0.1040	(-0.0200)
Sample #4 =	0.1350	(-0.0140)

Avg % Abs = 0.1133 (-0.0137)
STD DEV = 0.0188 (0.0065)
REL STD DEV = 16.609 (47.608)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12483, 9um Io = 13711

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7850	(-0.0080)
Sample #2 =	0.7250	(0.0380)
Sample #3 =	0.7780	(0.0310)
Sample #4 =	0.7610	(0.0610)

Avg % Abs = 0.7547 (0.0433)
STD DEV = 0.0271 (0.0157)
REL STD DEV = 3.586 (36.219)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5140	(-0.0100)
Sample #2 =	1.4760	(0.0040)
Sample #3 =	1.4780	(0.0170)
Sample #4 =	1.4760	(0.0330)

Avg % Abs = 1.4767 (0.0180)
STD DEV = 0.0012 (0.0145)
REL STD DEV = 0.078 (80.699)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12476, 9um Io = 13709

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7870	(0.0000)
Sample #2 =	1.7800	(0.0230)
Sample #3 =	1.7720	(0.0390)
Sample #4 =	1.8250	(0.0180)

Avg % Abs = 1.7923 (0.0267)
STD DEV = 0.0286 (0.0110)
REL STD DEV = 1.594 (41.136)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4750	(0.0010)
Sample #2 =	3.4540	(0.0370)
Sample #3 =	3.4520	(0.0560)
Sample #4 =	3.4750	(0.0480)

Avg % Abs = 3.4603 (0.0470)
STD DEV = 0.0127 (0.0095)
REL STD DEV = 0.368 (20.297)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12471, 9um Io = 13706

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.1720	(-0.0080)
Sample #2 =	3.2970	(-0.0340)
Sample #3 =	3.2240	(-0.0010)
Sample #4 =	3.1460	(-0.0030)

Avg % Abs = 3.2223 (-0.0127)
STD DEV = 0.0755 (0.0185)
REL STD DEV = 2.343 (146.070)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.0950	(-0.0140)
Sample #2 =	6.2470	(-0.0120)
Sample #3 =	6.2040	(0.0060)
Sample #4 =	6.0320	(0.0080)

Avg % Abs = 6.1610 (0.0007)
STD DEV = 0.1138 (0.0110)
REL STD DEV = 1.847 (1652.271)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12472, 9um Io = 13705

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1500	(-0.0110)
Sample #2 =	5.0640	(0.0830)
Sample #3 =	5.0850	(0.0940)
Sample #4 =	5.0350	(0.1120)

Avg % Abs = 5.0613 (0.0963)
STD DEV = 0.0251 (0.0146)
REL STD DEV = 0.496 (15.197)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6530	(0.0000)
Sample #2 =	9.5590	(0.1090)
Sample #3 =	9.5440	(0.1380)
Sample #4 =	9.5120	(0.1560)

Avg % Abs = 9.5383 (0.1343)
STD DEV = 0.0240 (0.0237)
REL STD DEV = 0.252 (17.653)

Optical Calibration
SN: 80-005550
Agency: Miami-Dade P.D.
Date: 9/12/2018
Quadratic Fit: +/-0.002g/210L
By: DELL

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.041
Std Dev = 0.00 Rel Std Dev = 6.45
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.755
Std Dev = 0.03 Rel Std Dev = 3.59
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.792
Std Dev = 0.03 Rel Std Dev = 1.59
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.222
Std Dev = 0.08 Rel Std Dev = 2.34
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.061
Std Dev = 0.03 Rel Std Dev = 0.50
Zero Order Coef = -266.17
First Order Coef = 3008.42
Second Order Coef = -22.61
Standard Deviation = 240.435974

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.113
Std Dev = 0.02 Rel Std Dev = 16.61
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.477
Std Dev = 0.00 Rel Std Dev = 0.08
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.460
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.161
Std Dev = 0.11 Rel Std Dev = 1.85
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.538
Std Dev = 0.02 Rel Std Dev = 0.25
Zero Order Coef = -306.63
First Order Coef = 1549.95
Second Order Coef = -1.06
Standard Deviation = 231.707947

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L	
0.000	-0.003	0.0030	X
0.040	0.042	-0.0018	
0.100	0.106	-0.0061	X
0.200	0.193	0.0069	X
0.300	0.302	-0.0020	

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L	
0.000	-0.003	0.0028	X
0.040	0.042	-0.0016	
0.100	0.106	-0.0059	X
0.200	0.193	0.0068	X
0.300	0.302	-0.0020	

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3514.00
Sample #2 = 3506.00
Sample #3 = 3484.00
Sample #4 = 3509.00
Average Result = 3499.6667
STD DEV = 13.6504
REL STD DEV = 0.390
****
***** CHANNEL 2
Sample #1 = 3490.00
Sample #2 = 3514.00
Sample #3 = 3520.00
Sample #4 = 3530.00
Average Result = 3521.3333
STD DEV = 8.0829
REL STD DEV = 0.230
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1014
3 um H20 Adjust (mg/l*10,000) = 310
9 um H20 Adjust (mg/l*10,000) = 288
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities 2	80-005550	Miami-Dade Police Department	09/12/2018	[illegible]

0.05g/210L

SN: SD3967 Temp: 34.09c

0.047 to 0.053 ☒

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:21
Control Test	0.054	08:22
Air Blank	0.000	08:22
Control Test	0.053	08:23
Air Blank	0.000	08:24
Control Test	0.053	08:24
Air Blank	0.000	08:25
Control Test Stats		
Average	0.0533	
Std Dev	0.0006	
Rel Std Dev(%)	1.0825	

[illegible]
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 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:26
Control Test	0.088	08:27
Air Blank	0.000	08:27
Control Test	0.088	08:28
Air Blank	0.000	08:29
Control Test	0.087	08:29
Air Blank	0.000	08:30
Control Test Stats		
Average	0.0877	
Std Dev	0.0006	
Rel Std Dev(%)	0.6586	

[illegible]
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 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:31
Control Test	0.212	08:32
Air Blank	0.000	08:32
Control Test	0.210	08:33
Air Blank	0.000	08:34
Control Test	0.209	08:34
Air Blank	0.000	08:35
Control Test Stats		
Average	0.2103	
Std Dev	0.0015	
Rel Std Dev(%)	0.7262	

[illegible]
Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☒

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:36
Control Test	0.078	08:37
Air Blank	0.000	08:37
Control Test	0.078	08:38
Air Blank	0.000	08:38
Control Test	0.078	08:38
Air Blank	0.000	08:39
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

[illegible]
Operator's Signature

[illegible]

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018 08:40:49

Auto Calibration
Max Power Res Value = 98
Auto Range Res Value = 72

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12474, 9um Io = 13700

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0310	(-0.0150)
Sample #2 =	0.0870	(-0.0230)
Sample #3 =	0.0280	(0.0200)
Sample #4 =	0.0800	(0.0000)

Avg % Abs = 0.0650 (-0.0010)
STD DEV = 0.0322 (0.0215)
REL STD DEV = 49.590 (2151.743)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1260	(-0.0050)
Sample #2 =	0.1260	(-0.0170)
Sample #3 =	0.1220	(0.0020)
Sample #4 =	0.1210	(-0.0120)

Avg % Abs = 0.1230 (-0.0090)
STD DEV = 0.0026 (0.0098)
REL STD DEV = 2.151 (109.432)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12468, 9um Io = 13697

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7340	(-0.0130)
Sample #2 =	0.7260	(0.0110)
Sample #3 =	0.7500	(-0.0050)
Sample #4 =	0.7930	(0.0010)

Avg % Abs = 0.7563 (0.0023)
STD DEV = 0.0339 (0.0081)
REL STD DEV = 4.488 (346.410)

9/9/18 JD

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4960	(-0.0070)
Sample #2 =	1.4840	(-0.0100)
Sample #3 =	1.4810	(-0.0140)
Sample #4 =	1.5000	(-0.0140)

Avg % Abs = 1.4883 (-0.0127)
STD DEV = 0.0102 (0.0023)
REL STD DEV = 0.686 (18.232)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12464, 9um Io = 13699

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7820	(-0.0090)
Sample #2 =	1.7650	(0.0240)
Sample #3 =	1.7640	(0.0250)
Sample #4 =	1.8260	(0.0110)

Avg % Abs = 1.7850 (0.0200)
STD DEV = 0.0355 (0.0078)
REL STD DEV = 1.989 (39.051)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4600	(0.0000)
Sample #2 =	3.4530	(0.0230)
Sample #3 =	3.4560	(0.0330)
Sample #4 =	3.4950	(0.0230)

Avg % Abs = 3.4680 (0.0263)
STD DEV = 0.0234 (0.0058)
REL STD DEV = 0.676 (21.925)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12462, 9um Io = 13697

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4760	(0.0060)
Sample #2 =	3.5310	(0.0150)
Sample #3 =	3.4140	(0.0330)
Sample #4 =	3.4350	(0.0230)

Avg % Abs = 3.4600 (0.0237)
STD DEV = 0.0624 (0.0090)
REL STD DEV = 1.803 (38.106)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.6670	(-0.0090)
Sample #2 =	6.6770	(0.0490)
Sample #3 =	6.5630	(0.0220)
Sample #4 =	6.5550	(0.0230)

Avg % Abs = 6.5983 (0.0313)
STD DEV = 0.0682 (0.0153)
REL STD DEV = 1.034 (48.855)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12459, 9um Io = 13697

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1050	(-0.0090)
Sample #2 =	5.0860	(0.0360)
Sample #3 =	5.0330	(0.0630)
Sample #4 =	5.0270	(0.0690)

Avg % Abs = 5.0487 (0.0560)
STD DEV = 0.0325 (0.0176)
REL STD DEV = 0.643 (31.390)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6560	(0.0030)
Sample #2 =	9.5720	(0.0840)
Sample #3 =	9.5130	(0.1210)
Sample #4 =	9.5330	(0.1110)

Avg % Abs = 9.5393 (0.1053)
STD DEV = 0.0300 (0.0191)
REL STD DEV = 0.315 (18.171)

Optical Calibration 2
SN: 80-005550
Agency: Miami-Dade P.D.
Date: 9/12/2018
Quadratic Fit: +/-0.002g/210L
By: Dear

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.065
Std Dev = 0.03 Rel Std Dev = 49.59
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.756
Std Dev = 0.03 Rel Std Dev = 4.49
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.785
Std Dev = 0.04 Rel Std Dev = 1.99
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.460
Std Dev = 0.06 Rel Std Dev = 1.80
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.049
Std Dev = 0.03 Rel Std Dev = 0.64
Zero Order Coef = -160.95
First Order Coef = 2688.52
Second Order Coef = 33.91
Standard Deviation = 17.611923

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.123
Std Dev = 0.00 Rel Std Dev = 2.15
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.488
Std Dev = 0.01 Rel Std Dev = 0.69
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.468
Std Dev = 0.02 Rel Std Dev = 0.68
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.598
Std Dev = 0.07 Rel Std Dev = 1.03
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.539
Std Dev = 0.03 Rel Std Dev = 0.31
Zero Order Coef = -165.95
First Order Coef = 1366.43
Second Order Coef = 15.55
Standard Deviation = 2.786696

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0003
0.100	0.100	0.0003
0.200	0.200	-0.0005
0.300	0.300	0.0002

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0000
0.040	0.040	0.0001
0.100	0.100	0.0000
0.200	0.200	-0.0001
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 = 3330.00
Sample #2 = 3301.00
Sample #3 = 3247.00
Sample #4 = 3269.00
Average Result = 3272.3333
STD DEV = 27.1539
REL STD DEV = 0.830
****
***** CHANNEL 2
Sample #1 = 3319.00
Sample #2 = 3307.00
Sample #3 = 3299.00
Sample #4 = 3316.00
Average Result = 3307.3333
STD DEV = 8.5049
REL STD DEV = 0.257
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1015
3 um H2O Adjust (mg/l*10,000) = 537
9 um H2O Adjust (mg/l*10,000) = 502
**** AUTO CAL PASS

Dear

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities 3	80-005550	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 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.050	11:06
Air Blank	0.000	11:06
Control Test	0.051	11:07
Air Blank	0.000	11:07
Control Test	0.050	11:08
Air Blank	0.000	11:09

Control Test Stats

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

DLL
Operator's Signature

9/9/18

0.08g/210L

SN: SD3963 Temp: 34.09c

0.077 to 0.083 ☒

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:10
Control Test	0.084	11:11
Air Blank	0.000	11:11
Control Test	0.083	11:12
Air Blank	0.000	11:13
Control Test	0.082	11:13
Air Blank	0.000	11:14

Control Test Stats

Average	0.0830
Std Dev	0.0010
Rel Std Dev(%)	1.2048

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 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:17
Control Test	0.206	11:17
Air Blank	0.000	11:18
Control Test	0.205	11:19
Air Blank	0.000	11:19
Control Test	0.204	11:20
Air Blank	0.000	11:21

Control Test Stats

Average	0.2050
Std Dev	0.0010
Rel Std Dev(%)	0.4878

DLL
Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☒

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:23
Control Test	0.080	11:23
Air Blank	0.000	11:23
Control Test	0.079	11:24
Air Blank	0.000	11:24
Control Test	0.078	11:25
Air Blank	0.000	11:25

Control Test Stats

Average	0.0790
Std Dev	0.0010
Rel Std Dev(%)	1.2658

DLL
Operator's Signature

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018 11:31:27

Auto Calibration
Max Power Res Value = 96
Auto Range Res Value = 73

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12570, 9um Io = 13753

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0350	(-0.0040)
Sample #2 =	0.0130	(0.0120)
Sample #3 =	0.0290	(0.0180)
Sample #4 =	0.0870	(0.0000)

Avg % Abs = 0.0430 (0.0100)
STD DEV = 0.0389 (0.0092)
REL STD DEV = 90.548 (91.652)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1170	(-0.0060)
Sample #2 =	0.1260	(0.0010)
Sample #3 =	0.1170	(0.0030)
Sample #4 =	0.1450	(-0.0050)

Avg % Abs = 0.1293 (-0.0003)
STD DEV = 0.0143 (0.0042)
REL STD DEV = 11.052 (1249.000)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12566, 9um Io = 13754

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7430	(-0.0060)
Sample #2 =	0.7910	(-0.0120)
Sample #3 =	0.7360	(0.0200)
Sample #4 =	0.7520	(0.0040)

Avg % Abs = 0.7597 (0.0040)
STD DEV = 0.0283 (0.0160)
REL STD DEV = 3.724 (400.000)

9/9/18

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5140	(0.0020)
Sample #2 =	1.5060	(0.0170)
Sample #3 =	1.4830	(0.0290)
Sample #4 =	1.4900	(0.0290)

Avg % Abs = 1.4930 (0.0250)
STD DEV = 0.0118 (0.0069)
REL STD DEV = 0.790 (27.713)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12563, 9um Io = 13752

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7940	(-0.0170)
Sample #2 =	1.7920	(0.0060)
Sample #3 =	1.8320	(-0.0020)
Sample #4 =	1.7860	(0.0280)

Avg % Abs = 1.8033 (0.0107)
STD DEV = 0.0250 (0.0155)
REL STD DEV = 1.387 (145.640)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4910	(0.0010)
Sample #2 =	3.4900	(0.0390)
Sample #3 =	3.4830	(0.0450)
Sample #4 =	3.4830	(0.0500)

Avg % Abs = 3.4853 (0.0447)
STD DEV = 0.0040 (0.0055)
REL STD DEV = 0.116 (12.330)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12562, 9um Io = 13750

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5020	(0.0000)
Sample #2 =	3.4590	(0.0430)
Sample #3 =	3.4460	(0.0610)
Sample #4 =	3.4730	(0.0420)

Avg % Abs = 3.4593 (0.0487)
STD DEV = 0.0135 (0.0107)
REL STD DEV = 0.390 (21.971)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7220	(-0.0100)
Sample #2 =	6.6250	(0.0670)
Sample #3 =	6.6310	(0.0810)
Sample #4 =	6.5970	(0.0930)

Avg % Abs = 6.6177 (0.0803)
STD DEV = 0.0181 (0.0130)
REL STD DEV = 0.274 (16.199)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12559, 9um Io = 13745

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1170	(-0.0250)
Sample #2 =	5.0610	(0.0500)
Sample #3 =	5.0990	(0.0380)
Sample #4 =	5.0450	(0.0680)

Avg % Abs = 5.0683 (0.0520)
STD DEV = 0.0277 (0.0151)
REL STD DEV = 0.547 (29.038)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6170	(-0.0070)
Sample #2 =	9.5460	(0.0930)
Sample #3 =	9.5540	(0.0930)
Sample #4 =	9.5530	(0.0940)

Avg % Abs = 9.5510 (0.0933)
STD DEV = 0.0044 (0.0006)
REL STD DEV = 0.046 (0.619)

Optical Calibration 3
SN: 80-005550
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 = 0.043
Std Dev = 0.04 Rel Std Dev = 90.55
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.760
Std Dev = 0.03 Rel Std Dev = 3.72
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.803
Std Dev = 0.03 Rel Std Dev = 1.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.459
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.068
Std Dev = 0.03 Rel Std Dev = 0.55
Zero Order Coef = -123.73
First Order Coef = 2649.35
Second Order Coef = 38.51
Standard Deviation = 15.506578

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.129
Std Dev = 0.01 Rel Std Dev = 11.05
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.493
Std Dev = 0.01 Rel Std Dev = 0.79
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.485
Std Dev = 0.00 Rel Std Dev = 0.12
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.618
Std Dev = 0.02 Rel Std Dev = 0.27
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.551
Std Dev = 0.00 Rel Std Dev = 0.05
Zero Order Coef = -169.20
First Order Coef = 1358.25
Second Order Coef = 16.22
Standard Deviation = 6.791639

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0002
0.040	0.040	-0.0001
0.100	0.100	-0.0004
0.200	0.200	0.0005
0.300	0.300	-0.0002

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	0.0000
0.200	0.200	-0.0001
0.300	0.300	0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3310.00
Sample #2 = 3362.00
Sample #3 = 3398.00
Sample #4 = 3342.00
Average Result = 3367.3333
STD DEV = 28.3784
REL STD DEV = 0.843
****
***** CHANNEL 2
Sample #1 = 3310.00
Sample #2 = 3297.00
Sample #3 = 3321.00
Sample #4 = 3303.00
Average Result = 3307.0000
STD DEV = 12.4900
REL STD DEV = 0.378
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 442
9 um H20 Adjust (mg/l*10,000) = 502
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities 4	80-005550	Miami-Dade Police Department	09/12/2018	[signature]

0.05g/210L

SN: SD3967 Temp: 34.09c

0.047 to 0.053 ☑

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:34
Control Test	0.050	12:35
Air Blank	0.000	12:35
Control Test	0.050	12:36
Air Blank	0.000	12:37
Control Test	0.049	12:37
Air Blank	0.000	12:38

Control Test Stats

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

[signature]
Operator's Signature

9/19/18
[signature]

0.08g/210L

SN: SD3963 Temp: 34.09c

0.077 to 0.083 ☑

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:40
Control Test	0.082	12:41
Air Blank	0.000	12:41
Control Test	0.081	12:42
Air Blank	0.000	12:43
Control Test	0.081	12:43
Air Blank	0.000	12:44

Control Test Stats

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

[signature]
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 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:47
Control Test	0.204	12:47
Air Blank	0.000	12:48
Control Test	0.203	12:49
Air Blank	0.000	12:49
Control Test	0.202	12:50
Air Blank	0.000	12:51

Control Test Stats

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

[signature]
Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☑

MIAMI DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005550
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:01
Control Test	0.078	13:02
Air Blank	0.000	13:02
Control Test	0.078	13:02
Air Blank	0.000	13:03
Control Test	0.079	13:03
Air Blank	0.000	13:04

Control Test Stats

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

[signature]
Operator's Signature

[signature]

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI DADE PD
Time of Inspection: 06:16
Date of Inspection: 09/12/2018
Serial Number: 80-005550
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

FDLE/ATP Form 40 – March 2004