FDLE

INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency **Plantation Police Department**   S/N **80-001082**

Date In **1/3/2023**   DI Completion Date **1/11/2023**   ■Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake — By DERR

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

Visual Inspection:
- ■ Case   ■ Handle
- ■ Keyboard   ■ Dry Gas Shelf
- ■ Feet   ■ Breath Tube
- ■ Ports   ■ Screws Tight

Other Equipment/ Accessories:
- ☐ Power cord   ☐ Printer Cable
- ■ Static Bag   ☐ 12V DC Cable

Notes: _____

Quality Checks — By DERR   Date 1/10/2023

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value **178**
- ■ Flow Verification (L/s)

Flow Column # **ATP101**

32 mm	0.167	(.139 - .169)
36 mm	0.179	(.156 - .190)
53 mm	0.250	(.228 - .278)
103 mm	0.511	(.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # **28663**

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP6286	202201C
		01/11/2024
0.080	MP6287	202201D
		01/18/2024
0.200	MP5094	202201E
		01/18/2024
0.080 DGS	N/A	00521080A2
		02/05/2023

Flow Calibration By _____ Date _____

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 — By DERR

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ■ Other **Replaced internal printer paper.**

Calibration Adjustment — By DERR

Barometric Pressure Gauge **1021/1022** ID # **68639**

Simulator	Serial #	Lot #	Expiration
0.000	MP5099	N/A	N/A
0.040	MP5096	21070	03/01/2023
0.100	MP5098	21380	09/13/2023
0.200	MP5100	22050	02/07/2024
0.300	MP5101	21030	02/02/2023
0.080 DGS	N/A	AG115904	06/08/2023

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP6286	202201C	01/11/2024
0.080	MP6287	202201D	01/18/2024
0.200	MP5094	202201E	01/18/2024
0.080 DGS	N/A	00521080A2	02/05/2023

Department Inspection — By DERR

Barometric Pressure ID# **28663**

Gauge **1022**   Instrument **1021**

Mouth Alcohol Solution Lot # **2021-D**

Acetone Stock Solution Lot # **2021-C**

Simulator	Serial Number
0.000	MP6284
Interferent	MP6285
0.050	MP6286
0.080	MP6287
0.200	MP5094

Attachments

- ■ Form 41   ■ Post-Stability Checks
- ■ Stability Checks   ☐ Flow Calibration
- ■ Calibration Certificate   ■ Form 40 DERR 1/17/23
- ■ Calibration Adjustment   ☐ Other _____

Notes/Suggested Service: Instrument was calibrated 3 times to bring values closer to nominal. DERR

Technical review identified a missing signature on the Calibration certificate, a form from another packet which was removed, missing initials on the post stabilities 3 DGS tape, and Form 40 was not checked on the attachments. DERR 1/17/2023

Tech Review (by David Reyes): Last 2 Baro values where 1022 DERR 1/19/2023

Tech Review (by Israel Soto): Corrected date on "Post Stabilities 3" page.
Added "Tech Review" to Tech Review from David Reyes.
IS 01-27-2023

- ■ 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

Taylor Gutschow (Digitally signed by Taylor Gutschow Date: 2023.01.31 09:37)

Phil Nicodemo (Digitally signed by Phil Nicodemo Date: 2023.02.06 15:03:25 -05'00')

Tech Review / Date   **Admin Review / Date**

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number __80-001082__ , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

		UNCERTAINTY* ±
Serial Number:	80-001082	
Owning Agency:	PLANTATION PD	0.050 g/ 210 L 0.004
Calibration Date:	01/11/2023	0.080 g/ 210 L 0.004
Calibration Time:	13:24	0.200 g/ 210 L 0.007
		0.080 g/ 210 L Dry Gas Control 0.005

All results are reported in g/ 210 L.
Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence (k=3).
The instrument results before and after any adjustment are found in the associated pre and post stability checks.

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

01/11/2023
Date

DAVID E REYES-RIVERA,
Department Inspector

DELL
1/17/23

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PLANTATION PD
Time of Inspection: 13:24　　Date of Inspection: 01/11/2023
Serial Number: 80-001082
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:00521080A2 Exp: 02/05/2023
0.000	0.049	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.080
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.079

Standard Deviations	0.0004	0.0000	0.0004	0.0004

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

Remarks:

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.
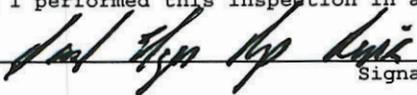
David Reyes-Rivera (signature)　　　　DAVID E REYES-RIVERA
Signature and Printed Name

01/11/2023
Date

Type of Test	Serial Number	Agency		Date	Performed By
Post Stabilities 3	80-001082	Plantation Police Department		1/11/2023	DERR

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 ✔

Column 1 (0.05g/210L):

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test           g/210L        Time
------------------------------------
Air Blank      0.000         11:01
Control Test   0.049         11:02
Air Blank      0.000         11:03
Control Test   0.049         11:03
Air Blank      0.000         11:04
Control Test   0.049         11:04
Air Blank      0.000         11:05
Control Test Stats
  Average      0.0490
  Std Dev      0.0000
  Rel Std Dev(%) 0.0000
```

Operator's Signature

Column 2 (0.08g/210L):

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test           g/210L        Time
------------------------------------
Air Blank      0.000         11:05
Control Test   0.079         11:07
Air Blank      0.000         11:07
Control Test   0.079         11:08
Air Blank      0.000         11:08
Control Test   0.079         11:09
Air Blank      0.000         11:10
Control Test Stats
  Average      0.0790
  Std Dev      0.0000
  Rel Std Dev(%) 0.0000
```

Operator's Signature

Column 3 (0.20g/210L):

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test           g/210L        Time
------------------------------------
Air Blank      0.000         11:11
Control Test   0.200         11:11
Air Blank      0.000         11:12
Control Test   0.200         11:13
Air Blank      0.000         11:13
Control Test   0.199         11:14
Air Blank      0.000         11:14
Control Test Stats
  Average      0.1997
  Std Dev      0.0006
  Rel Std Dev(%) 0.2892
```

Operator's Signature

Column 4 (DGS 0.08g/210L):

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test           g/210L        Time
------------------------------------
Air Blank      0.000         11:15
Control Test   0.079         11:16
Air Blank      0.000         11:16
Control Test   0.079         11:17
Air Blank      0.000         11:17
Control Test   0.079         11:18
Air Blank      0.000         11:18
Control Test Stats
  Average      0.0790
  Std Dev      0.0000
  Rel Std Dev(%) 0.0000
```

Operator's Signature

DeRR 1/19/2023

23
IS 01-27-2023

PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000   SN 80-001082
01/11/2023   09:37:32

Auto Calibration
Max Power Res Value = 105
Auto Range Res Value = 84

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12653, 9um Io = 14163

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1100	(-0.0140)
Sample #2 =	0.1070	(0.0000)
Sample #3 =	0.1010	(0.0090)
Sample #4 =	0.1070	(0.0190)
Avg % Abs =	0.1050	(0.0093)
STD DEV =	0.0035	(0.0095)
REL STD DEV =	3.299	(101.833)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1330	(-0.0060)
Sample #2 =	0.1340	(-0.0070)
Sample #3 =	0.1310	(-0.0040)
Sample #4 =	0.1210	(-0.0010)
Avg % Abs =	0.1287	(-0.0040)
STD DEV =	0.0068	(0.0030)
REL STD DEV =	5.290	(75.000)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12651, 9um Io = 14164

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8430	(0.0040)
Sample #2 =	0.8010	(0.0280)
Sample #3 =	0.8280	(0.0300)
Sample #4 =	0.8350	(0.0280)
Avg % Abs =	0.8213	(0.0287)
STD DEV =	0.0180	(0.0012)
STD DEV =	2.186	(4.028)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5150	(0.0020)
Sample #2 =	1.5020	(0.0050)
Sample #3 =	1.4890	(0.0210)
Sample #4 =	1.5190	(-0.0020)
Avg % Abs =	1.5033	(0.0080)
STD DEV =	0.0150	(0.0118)
REL STD DEV =	1.001	(147.373)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12644, 9um Io = 14159

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9140	(-0.0080)
Sample #2 =	1.8930	(-0.0110)
Sample #3 =	1.9140	(-0.0140)
Sample #4 =	1.8930	(-0.0110)
Avg % Abs =	1.9000	(-0.0120)
STD DEV =	0.0121	(0.0017)
REL STD DEV =	0.638	(14.434)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4970	(0.0060)
Sample #2 =	3.5020	(0.0010)
Sample #3 =	3.5030	(0.0070)
Sample #4 =	3.5160	(-0.0020)
Avg % Abs =	3.5070	(0.0020)
STD DEV =	0.0078	(0.0046)
REL STD DEV =	0.223	(229.129)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12640, 9um Io = 14153

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6410	(-0.0180)
Sample #2 =	3.6470	(0.0000)
Sample #3 =	3.6430	(-0.0150)
Sample #4 =	3.6430	(-0.0200)
Avg % Abs =	3.6443	(-0.0117)
STD DEV =	0.0023	(0.0104)
REL STD DEV =	0.063	(89.214)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7190	(0.0000)
Sample #2 =	6.7140	(0.0140)
Sample #3 =	6.7280	(0.0050)
Sample #4 =	6.7210	(-0.0020)
Avg % Abs =	6.7210	(0.0057)
STD DEV =	0.0070	(0.0080)
REL STD DEV =	0.104	(141.544)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12647, 9um Io = 14162

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3630	(-0.0030)
Sample #2 =	5.3310	(0.0290)
Sample #3 =	5.3430	(0.0330)
Sample #4 =	5.3420	(0.0030)
Avg % Abs =	5.3387	(0.0217)
STD DEV =	0.0067	(0.0163)
REL STD DEV =	0.125	(75.180)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8180	(-0.0110)
Sample #2 =	9.7590	(0.0310)
Sample #3 =	9.7740	(0.0370)
Sample #4 =	9.7600	(0.0140)
Avg % Abs =	9.7643	(0.0273)
STD DEV =	0.0084	(0.0119)
REL STD DEV =	0.086	(43.648)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
  % Abs =   0.105
  Std Dev = 0.00 Rel Std Dev =   3.30
Sol Val = 0.1905 mg/l or 0.040 g/210L
  % Abs =   0.821
  Std Dev = 0.02 Rel Std Dev =   2.19
Sol Val = 0.4762 mg/l or 0.100 g/210L
  % Abs =   1.900
  Std Dev = 0.01 Rel Std Dev =   0.64
Sol Val = 0.9524 mg/l or 0.200 g/210L
  % Abs =   3.644
  Std Dev = 0.00 Rel Std Dev =   0.06
Sol Val = 1.4286 mg/l or 0.300 g/210L
  % Abs =   5.339
  Std Dev = 0.01 Rel Std Dev =   0.12
Zero Order Coef = -264.89
First Order Coef = 2605.10
Second Order Coef = 22.48
Standard Deviation =   9.134475

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
  % Abs =   0.129
  Std Dev = 0.01 Rel Std Dev =   5.29
Sol Val = 0.1905 mg/l or 0.040 g/210L
  % Abs =   1.503
  Std Dev = 0.02 Rel Std Dev =   1.00
Sol Val = 0.4762 mg/l or 0.100 g/210L
  % Abs =   3.507
  Std Dev = 0.01 Rel Std Dev =   0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
  % Abs =   6.721
  Std Dev = 0.01 Rel Std Dev =   0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
  % Abs =   9.764
  Std Dev = 0.01 Rel Std Dev =   0.09
Zero Order Coef = -172.67
First Order Coef = 1363.00
Second Order Coef = 12.02
Standard Deviation =   5.447906

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0003
0.100	0.100	-0.0001
0.200	0.200	-0.0001
0.300	0.300	0.0000

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0000
0.100	0.100	0.0001
0.200	0.200	-0.0002
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 = 3355.00
Sample #2 = 3320.00
Sample #3 = 3244.00
Sample #4 = 3263.00
Average Result = 3275.6667
STD DEV = 39.5517
REL STD DEV = 1.207
****

***** CHANNEL 2
Sample #1 = 3483.00
Sample #2 = 3468.00
Sample #3 = 3468.00
Sample #4 = 3467.00
Average Result = 3467.6667
STD DEV = 0.5774
REL STD DEV = 0.017
****

Dry Gas H2O Adjust Results **********
  Barometric Pressure = 1022
  3 um H2O Adjust (mg/l*10,000) = 534
  9 um H2O Adjust (mg/l*10,000) = 342
**** AUTO CAL PASS

Optical Calibration 3	
SN:	80-001082
Agency:	Plantation PD
Date:	1/11/2023
Quadratic Fit:	+/- 0.002g/210L
By:	DERR

Type of Test	Serial Number	Agency		Date	Performed By
Post Stabilities 2	80-001082	Plantation Police Department		1/11/2023	DERR

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 ✗

Column 1 — 0.05g/210L

```
PLANTATION PD

Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27


Test          g/210L        Time
-----------------------------------
Air Blank      0.000        09:16
Control Test   0.052        09:16
Air Blank      0.000        09:17
Control Test   0.051        09:18
Air Blank      0.000        09:18
Control Test   0.052        09:19
Air Blank      0.000        09:20
Control Test Stats
 Average        0.0517
 Std Dev        0.0006
 Rel Std Dev(%) 1.1175
```

Operator's Signature

Column 2 — 0.08g/210L

```
PLANTATION PD

Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27


Test          g/210L        Time
-----------------------------------
Air Blank      0.000        09:21
Control Test   0.083        09:21
Air Blank      0.000        09:22
Control Test   0.082        09:23
Air Blank      0.000        09:23
Control Test   0.083        09:24
Air Blank      0.000        09:25
Control Test Stats
 Average        0.0827
 Std Dev        0.0006
 Rel Std Dev(%) 0.6984
```

Operator's Signature

Column 3 — 0.20g/210L

```
PLANTATION PD

Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27


Test          g/210L        Time
-----------------------------------
Air Blank      0.000        09:26
Control Test   0.206        09:26
Air Blank      0.000        09:27
Control Test   0.205        09:28
Air Blank      0.000        09:28
Control Test   0.205        09:29
Air Blank      0.000        09:30
Control Test Stats
 Average        0.2053
 Std Dev        0.0006
 Rel Std Dev(%) 0.2812
```

Operator's Signature

Column 4 — DGS 0.08g/210L

```
PLANTATION PD

Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27


Test          g/210L        Time
-----------------------------------
Air Blank      0.000        09:31
Control Test   0.080        09:31
Air Blank      0.000        09:32
Control Test   0.079        09:32
Air Blank      0.000        09:33
Control Test   0.079        09:33
Air Blank      0.000        09:34
Control Test Stats
 Average        0.0793
 Std Dev        0.0006
 Rel Std Dev(%) 0.7277
```

Operator's Signature

PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000   SN 80-0010
01/11/2023   08:32:

Auto Calibration
Max Power Res Value = 105
Auto Range Res Value = 84

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/1 %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12668, 9um Io = 14171

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	0.1160	(-0.0060)
Sample #2 =	0.1140	(-0.0020)
Sample #3 =	0.1010	(0.0480)
Sample #4 =	0.1020	(0.0550)
Avg % Abs =	0.1057	(0.0337)
STD DEV =	0.0072	(0.0311)
REL STD DEV =	6.846	(92.334)

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	0.1520	(0.0030)
Sample #2 =	0.1360	(0.0000)
Sample #3 =	0.1360	(0.0210)
Sample #4 =	0.1310	(0.0210)
Avg % Abs =	0.1343	(0.0140)
STD DEV =	0.0029	(0.0121)
REL STD DEV =	2.149	(86.603)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/1 %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12656, 9um Io = 14165

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	0.7980	(-0.0220)
Sample #2 =	0.7960	(0.0060)
Sample #3 =	0.8040	(0.0090)
Sample #4 =	0.7980	(-0.0080)
Avg % Abs =	0.7993	(0.0023)
STD DEV =	0.0042	(0.0091)
REL STD DEV =	0.521	(388.876)

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	1.4940	(-0.0120)
Sample #2 =	1.4680	(0.0210)
Sample #3 =	1.4750	(0.0250)
Sample #4 =	1.4720	(0.0210)
Avg % Abs =	1.4717	(0.0223)
STD DEV =	0.0035	(0.0023)
REL STD DEV =	0.239	(10.341)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/1 %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12651, 9um Io = 14154

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	1.8660	(-0.0010)
Sample #2 =	1.7960	(0.0450)
Sample #3 =	1.7920	(0.0810)
Sample #4 =	1.8110	(0.0700)
Avg % Abs =	1.7997	(0.0653)
STD DEV =	0.0100	(0.0184)
REL STD DEV =	0.557	(28.237)

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	3.4360	(0.0040)
Sample #2 =	3.3540	(0.0810)
Sample #3 =	3.3550	(0.0920)
Sample #4 =	3.3370	(0.1030)
Avg % Abs =	3.3487	(0.0920)
STD DEV =	0.0101	(0.0110)
REL STD DEV =	0.302	(11.957)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/1 %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12640, 9um Io = 14140

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	3.5710	(-0.0250)
Sample #2 =	3.4740	(0.0780)
Sample #3 =	3.4510	(0.0850)
Sample #4 =	3.4800	(0.0820)
Avg % Abs =	3.4683	(0.0817)
STD DEV =	0.0153	(0.0035)
REL STD DEV =	0.441	(4.300)

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	6.5490	(0.0010)
Sample #2 =	6.4000	(0.1480)
Sample #3 =	6.3850	(0.1510)
Sample #4 =	6.3960	(0.1660)
Avg % Abs =	6.3937	(0.1550)
STD DEV =	0.0078	(0.0096)
REL STD DEV =	0.121	(6.222)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/1 %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12647, 9um Io = 14156

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	5.3210	(-0.0240)
Sample #2 =	5.2360	(0.0450)
Sample #3 =	5.2430	(0.0480)
Sample #4 =	5.2530	(0.0600)
Avg % Abs =	5.2440	(0.0510)
STD DEV =	0.0085	(0.0079)
REL STD DEV =	0.163	(15.563)

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

Sample	% Abs	[% Abs Ref]
Sample #1 =	9.7060	(-0.0070)
Sample #2 =	9.5960	(0.1100)
Sample #3 =	9.5720	(0.1270)
Sample #4 =	9.5840	(0.1330)
Avg % Abs =	9.5840	(0.1233)
STD DEV =	0.0120	(0.0119)
REL STD DEV =	0.125	(9.673)

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

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

Sol Val = 0.0000 mg/1 or 0.000 g/210L
% Abs =   0.106
Std Dev =   0.01 Rel Std Dev = 6.85
Sol Val = 0.1905 mg/1 or 0.040 g/210L
% Abs =   0.799
Std Dev =   0.00 Rel Std Dev =   0.52
Sol Val = 0.4762 mg/1 or 0.100 g/210L
% Abs =   1.800
Std Dev =   0.01 Rel Std Dev =   0.56
Sol Val = 0.9524 mg/1 or 0.200 g/210L
% Abs =   3.468
Std Dev =   0.02 Rel Std Dev =   0.44
Sol Val = 1.4286 mg/1 or 0.300 g/210L
% Abs =   5.244
Std Dev =   0.01 Rel Std Dev =   0.16
Zero Order Coef = -350.82
First Order Coef = 2896.54
Second Order Coef = -19.33
Standard Deviation = 49.614349

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

Sol Val = 0.0000 mg/1 or 0.000 g/210L
% Abs =   0.134
Std Dev =   0.00 Rel Std Dev =   2.15
Sol Val = 0.1905 mg/1 or 0.040 g/210L
% Abs =   1.472
Std Dev =   0.00 Rel Std Dev =   0.24
Sol Val = 0.4762 mg/1 or 0.100 g/210L
% Abs =   3.349
Std Dev =   0.01 Rel Std Dev =   0.30
Sol Val = 0.9524 mg/1 or 0.200 g/210L
% Abs =   6.394
Std Dev =   0.01 Rel Std Dev =   0.12
Sol Val = 1.4286 mg/1 or 0.300 g/210L
% Abs =   9.584
Std Dev =   0.01 Rel Std Dev =   0.13
Zero Order Coef = -259.72
First Order Coef = 1510.62
Second Order Coef = 1.05
Standard Deviation = 64.989105

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0009
0.040	0.041	-0.0010
0.100	0.101	-0.0008
0.200	0.199	0.0013
0.300	0.300	-0.0004

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0012
0.040	0.041	-0.0013
0.100	0.101	-0.0010
0.200	0.198	0.0017
0.300	0.301	-0.0006

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/1 %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3490.00
Sample #2 = 3560.00
Sample #3 = 3486.00
Sample #4 = 3460.00
Average Result = 3502.0000
STD DEV = 51.8845
REL STD DEV = 1.482
****
***** CHANNEL 2
Sample #1 = 3661.00
Sample #2 = 3679.00
Sample #3 = 3632.00
Sample #4 = 3639.00
Average Result = 3650.0000
STD DEV = 25.3574
REL STD DEV = 0.695
****

Dry Gas H20 Adjust Results **********
Barometric Pressure = 1022
3 um H20 Adjust (mg/1*10,000) = 307
9 um H20 Adjust (mg/1*10,000) = 159
**** AUTO CAL PASS

Optical Calibration 2	
SN:	80-001082
Agency:	Plantation PD
Date:	1/11/2023
Quadratic Fit:	+/- 0.002g/210L
By:	DERR

Type of Test	Serial Number	Agency		Date	Performed By
Post Stabilities	80-001082	Plantation Police Department		1/11/2023	DERR *[signature]*

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 ✗

Column 1 — 0.05g/210L

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test          g/210L        Time
--------------------------------
Air Blank      0.000        08:06
Control Test   0.052        08:07
Air Blank      0.000        08:08
Control Test   0.052        08:08
Air Blank      0.000        08:09
Control Test   0.052        08:10
Air Blank      0.000        08:10
Control Test Stats
  Average      0.0520
  Std Dev      0.0000
  Rel Std Dev(%) 0.0000
```

Operator's Signature

Column 2 — 0.08g/210L

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test          g/210L        Time
--------------------------------
Air Blank      0.000        08:15
Control Test   0.084        08:16
Air Blank      0.000        08:16
Control Test   0.084        08:17
Air Blank      0.000        08:18
Control Test   0.084        08:19
Air Blank      0.000        08:19
Control Test Stats
  Average      0.0840
  Std Dev      0.0000
  Rel Std Dev(%) 0.0000
```

Operator's Signature

Column 3 — 0.20g/210L

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test          g/210L        Time
--------------------------------
Air Blank      0.000        08:21
Control Test   0.210        08:21
Air Blank      0.000        08:22
Control Test   0.209        08:23
Air Blank      0.000        08:23
Control Test   0.210        08:24
Air Blank      0.000        08:25
Control Test Stats
  Average      0.2097
  Std Dev      0.0006
  Rel Std Dev(%) 0.2754
```

Operator's Signature

Column 4 — DGS 0.08g/210L

```
PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000          SN 80-001082
01/11/2023
Software: 8100.27

Test          g/210L        Time
--------------------------------
Air Blank      0.000        08:26
Control Test   0.080        08:26
Air Blank      0.000        08:27
Control Test   0.080        08:27
Air Blank      0.000        08:28
Control Test   0.080        08:28
Air Blank      0.000        08:29
Control Test Stats
  Average      0.0800
  Std Dev      0.0000
  Rel Std Dev(%) 0.0000
```

Operator's Signature

PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000   SN 80-001082
01/11/2023   07:04:20

Auto Calibration
Max Power Res Value = 106
Auto Range Res Value = 83

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12655, 9um Io = 14168
        <<<<< CHANNEL 1 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 0.1200   (-0.0180)
Sample #2 = 0.0990   (0.0430)
Sample #3 = 0.0720   (0.0640)
Sample #4 = 0.0930   (0.1040)
Avg % Abs = 0.0880   (0.0703)
STD DEV = 0.0142   (0.0310)
REL STD DEV = 16.111 (44.061)

        <<<<< CHANNEL 2 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 0.1280   (-0.0160)
Sample #2 = 0.1240   (0.0100)
Sample #3 = 0.0930   (0.0340)
Sample #4 = 0.1060   (0.0560)
Avg % Abs = 0.1077   (0.0333)
STD DEV = 0.0156   (0.0230)
REL STD DEV = 14.459 (69.022)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12632, 9um Io = 14156
        <<<<< CHANNEL 1 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 0.8110   (-0.0100)
Sample #2 = 0.8030   (0.0120)
Sample #3 = 0.8040   (0.0470)
Sample #4 = 0.8000   (0.0540)
Avg % Abs = 0.8023   (0.0377)
STD DEV = 0.0021   (0.0225)
REL STD DEV = 0.259 (59.739)

        <<<<< CHANNEL 2 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 1.4760   (0.0070)
Sample #2 = 1.4900   (0.0210)
Sample #3 = 1.4620   (0.0490)
Sample #4 = 1.4450   (0.0520)
Avg % Abs = 1.4657   (0.0407)
STD DEV = 0.0227   (0.0171)
REL STD DEV = 1.550 (42.044)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12613, 9um Io = 14134
        <<<<< CHANNEL 1 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 1.8690   (-0.0120)
Sample #2 = 1.8030   (0.0880)
Sample #3 = 1.7640   (0.1170)
Sample #4 = 1.7700   (0.1480)
Avg % Abs = 1.7790   (0.1177)
STD DEV = 0.0210   (0.0300)
REL STD DEV = 1.180 (25.500)

        <<<<< CHANNEL 2 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 3.4300   (0.0500)
Sample #2 = 3.3460   (0.0500)
Sample #3 = 3.3110   (0.1200)
Sample #4 = 3.2920   (0.1640)
Avg % Abs = 3.3163   (0.1277)
STD DEV = 0.0274   (0.0332)
REL STD DEV = 0.826 (25.983)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12590, 9um Io = 14109
        <<<<< CHANNEL 1 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 3.5070   (-0.0050)
Sample #2 = 3.3920   (0.1420)
Sample #3 = 3.3990   (0.1670)
Sample #4 = 3.4070   (0.1610)
Avg % Abs = 3.3993   (0.1567)
STD DEV = 0.0075   (0.0131)
REL STD DEV = 0.221 (8.331)

        <<<<< CHANNEL 2 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 6.5200   (-0.0140)
Sample #2 = 6.2560   (0.2710)
Sample #3 = 6.2290   (0.3020)
Sample #4 = 6.2390   (0.2900)
Avg % Abs = 6.2413   (0.2877)
STD DEV = 0.0137   (0.0156)
REL STD DEV = 0.219 (5.434)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12591, 9um Io = 14124
        <<<<< CHANNEL 1 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 5.2790   (-0.0220)
Sample #2 = 5.1500   (0.1330)
Sample #3 = 5.1340   (0.1490)
Sample #4 = 5.0690   (0.2300)
Avg % Abs = 5.1177   (0.1707)
STD DEV = 0.0429   (0.0520)
REL STD DEV = 0.838 (30.471)

        <<<<< CHANNEL 2 >>>>>
Sample   % Abs   (% Abs Ref)
Sample #1 = 9.6780   (-0.0100)
Sample #2 = 9.4300   (0.2410)
Sample #3 = 9.4160   (0.2690)
Sample #4 = 9.2850   (0.4000)
Avg % Abs = 9.3770   (0.3033)
STD DEV = 0.0800   (0.0849)
REL STD DEV = 0.853 (27.982)

***** AUTO CAL DATA *****
        <<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs =   0.088
  Std Dev = 0.01 Rel Std Dev = 16.11
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs =   0.802
  Std Dev = 0.00 Rel Std Dev = 0.26
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs =   1.779
  Std Dev = 0.02 Rel Std Dev = 1.18
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs =   3.399
  Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs =   5.118
  Std Dev = 0.04 Rel Std Dev = 0.84
Zero Order Coef = -325.94
First Order Coef = 2893.55
Second Order Coef = -6.31
Standard Deviation = 75.303154

        <<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs =   0.108
  Std Dev = 0.02 Rel Std Dev = 14.46
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs =   1.466
  Std Dev = 0.02 Rel Std Dev = 1.55
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs =   3.316
  Std Dev = 0.03 Rel Std Dev = 0.83
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs =   6.241
  Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs =   9.377
  Std Dev = 0.08 Rel Std Dev = 0.85
Zero Order Coef = -248.11
First Order Coef = 1524.36
Second Order Coef = 3.24
Standard Deviation = 100.930595

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0015
0.040	0.042	-0.0018
0.100	0.101	-0.0008
0.200	0.198	0.0018
0.300	0.301	-0.0007

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.002	0.0018
0.040	0.042	-0.0019
0.100	0.102	-0.0017
0.200	0.197	0.0028
0.300	0.301	-0.0009

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3463.00
Sample #2 = 3537.00
Sample #3 = 3479.00
Sample #4 = 3611.00
Average Result = 3542.3333
STD DEV = 66.1614
REL STD DEV = 1.868
****
***** CHANNEL 2
Sample #1 = 3713.00
Sample #2 = 3693.00
Sample #3 = 3714.00
Sample #4 = 3740.00
Average Result = 3715.6667
STD DEV = 23.5443
REL STD DEV = 0.634
****
Dry Gas H2O Adjust Results **********
   Barometric Pressure = 1021
   3 um H2O Adjust (mg/1*10,000) = 267
   9 um H2O Adjust (mg/1*10,000) = 94
**** AUTO CAL PASS

Optical Calibration	
SN:	80-001082
Agency:	Plantation PD
Date:	1/11/2023
Quadratic Fit:	+/- 0.002g/210L
By:	DERR

Type of Test	Serial Number	Agency		Date	Performed By
Stabilities	80-001082	Plantation Police Department		01/10/2023	DERR

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	✓

PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000   SN 80-001082
01/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:25
Control Test	0.054	07:26
Air Blank	0.000	07:27
Control Test	0.051	07:28
Air Blank	0.000	07:28
Control Test	0.052	07:29
Air Blank	0.000	07:30
Control Test Stats		
Average	0.0523	
Std Dev	0.0015	
Rel Std Dev(%)	2.9188	

Operator's Signature

PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000   SN 80-001082
01/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:32
Control Test	0.082	07:33
Air Blank	0.000	07:34
Control Test	0.082	07:34
Air Blank	0.000	07:35
Control Test	0.082	07:36
Air Blank	0.000	07:37
Control Test Stats		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000   SN 80-001082
01/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:38
Control Test	0.212	07:39
Air Blank	0.000	07:39
Control Test	0.213	07:40
Air Blank	0.000	07:41
Control Test	0.212	07:42
Air Blank	0.000	07:42
Control Test Stats		
Average	0.2123	
Std Dev	0.0006	
Rel Std Dev(%)	0.2719	

Operator's Signature

PLANTATION PD
Intoxilyzer - Alcohol Analyzer
Model 8000   SN 80-001082
01/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:43
Control Test	0.081	07:44
Air Blank	0.000	07:45
Control Test	0.079	07:45
Air Blank	0.000	07:46
Control Test	0.080	07:46
Air Blank	0.000	07:47
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: PLANTATION PD
Time of Inspection: 06:52   Date of Inspection: 01/10/2023

Serial Number: 80-001082
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

01/10/2023
Date

FDLE/ATP Form 40 – March 2004