FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Clermont Police Department S/N 80-001174

Date In 11/20/2020 DI Completion Date 11/25/2020 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By TDG

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

Visual Inspection:

☑ Case	☑ Handle
☑ Keyboard	☑ Dry Gas Shelf
☑ Feet	☑ Breath Tube
☑ Ports	☑ Screws Tight

Other Equipment/ Accessories:

☐ Power cord	☐ Printer Cable
☐ Static Bag	☐ 12V DC Cable

Notes: Pelican 1620 Case with combination lock

Quality Checks Performed By TDG

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 236
- ☑ Flow Verification (L/s)

Flow Column # ATP106

32 mm	0.148	(.139 - .169)
36 mm	0.164	(.156 - .190)
53 mm	0.234	(.228 - .278)
103 mm	0.496	(.447 - .547)

☑ Barometric Pressure Check See "Notes" for Stability Lot #

Gauge ID #~~28663~~ 68639 TDG 11/30/2020

☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP4863	~~201905A~~ TDG ~~05/14/2024~~
0.080	MP4864	~~201905B~~ TDG ~~05/14/2021~~
0.200	MP5097	~~201904D~~ TDG ~~04/30/2021~~
0.080 DGS	N/A	AG003005 1/30/2022

Flow Calibration Performed By _____

Flow Column # _____

- ☐ 5L/min – 17mm
- ☐ 15L/min – 53mm
- ☐ 30L/min – 103mm

☐ R-Value _____

☐ Post Calibration Verification (L/s)

Flow Column # _____

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

Maintenance Performed By _____

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

Temperature Checks Performed By DERR

☑ Lab Temp °C 22.37C

External Digital Therm. ID#: 300918

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

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2020.12.09 14:04:22 -05'00'

Calibration Adjustment Performed By DERR

Barometric Pressure Gauge 1019 ID # 68639

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5098	20060	02/10/2022
0.100	MP5099	20190	04/06/2022
0.200	MP5100	20160	03/18/2022
0.300	MP5101	20030	01/21/2022
0.080 DGS	N/A	08819080A1	06/05/2021

☑ Post Calibration Adjustment Stability Checks

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

Department Inspection Performed By DERR

Barometric Pressure ID# 28199

Gauge 1020 Instrument 1019

Mouth Alcohol Solution Lot # 2020A

Acetone Stock Solution Lot # 2019A

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

Attachments

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

Notes/Suggested Service: Optical calibration to bring values closer to nominal. DERR

0.050 3L 20L - #202010A, 10/05/2022
0.080 3L 20L - #202010B, 10/05/2022
0.200 3L 20L - #202010D, 10/06/2022
TDG 11/30/2020

☑ **Instrument Complies with Chapter 11D-8, FAC**
☐ **Instrument Does Not Comply with Chapter 11D-8, FAC**
☑ **Return to/Place into Evidentiary Use**
☐ **Remain Out of Evidentiary Use**
☑ **Conduct an Agency Inspection Before Evidentiary Use**

Michael D Haughey 2020.11.30 13:07:50 -05'00' — Tech Review / Date

Admin Review / Date 2020.12.09 14:02:57 -05'00'

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001174 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001174
Owning Agency:	CLERMONT P.D.
Calibration Date:	11/25/2020
Calibration Time:	06:45

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
0.200 g/ 210 L	0.007
0.080 g/ 210 L Dry Gas Control	0.005

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

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

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

11/25/2020
Date

DAVID E REYES-RIVERA,
Department Inspector

2020.12.09
13:47:28
-05'00'

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: CLERMONT P.D.
Time of Inspection: 06:45 Date of Inspection: 11/25/2020
Serial Number: 80-001174
Software: 8100.27

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

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG003005 Exp: 01/30/2022
0.000	0.048	0.078	0.201	0.079
0.000	0.048	0.079	0.202	0.079
0.000	0.049	0.079	0.203	0.079
0.000	0.048	0.079	0.202	0.079
0.000	0.048	0.079	0.202	0.079
0.000	0.049	0.079	0.202	0.079
0.000	0.048	0.079	0.202	0.079
0.000	0.048	0.079	0.202	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.202	0.080
Standard Deviations	0.0005	0.0003	0.0005	0.0003

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

Remarks:

2020.12.09 13:47:52 -05'00'

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

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Sheriff Sgt Rep Reyes DAVID E REYES-RIVERA
Signature and Printed Name

11/25/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-001174	Clermont Police Department	11/25/2020	DERR 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 ✓

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/25/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	03:26
Control Test	0.047	03:27
Air Blank	0.000	03:28
Control Test	0.047	03:28
Air Blank	0.000	03:29
Control Test	0.048	03:29
Air Blank	0.000	03:30

Control Test Stats

Average	0.0473
Std Dev	0.0006
Rel Std Dev(%)	1.2198

DERR
Operator's Signature

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/25/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	03:31
Control Test	0.078	03:32
Air Blank	0.000	03:32
Control Test	0.078	03:33
Air Blank	0.000	03:34
Control Test	0.078	03:34
Air Blank	0.000	03:35

Control Test Stats

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

DERR
Operator's Signature

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/25/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	03:36
Control Test	0.198	03:37
Air Blank	0.000	03:37
Control Test	0.199	03:38
Air Blank	0.000	03:39
Control Test	0.199	03:39
Air Blank	0.000	03:40

Control Test Stats

Average	0.1987
Std Dev	0.0006
Rel Std Dev(%)	0.2906

DERR
Operator's Signature

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/25/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	03:42
Control Test	0.079	03:42
Air Blank	0.000	03:42
Control Test	0.079	03:43
Air Blank	0.000	03:43
Control Test	0.079	03:44
Air Blank	0.000	03:44

Control Test Stats

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

DERR
Operator's Signature

MK

2020.12.09 14:02:05 -05'00'

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/25/2020 02:43:23

Auto Calibration
Max Power Res Value = 26
Auto Range Res Value = 20

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12801, 9um Io = 13845

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1340	(0.0000)
Sample #2 =	0.1230	(0.0250)
Sample #3 =	0.1420	(0.0370)
Sample #4 =	0.1330	(0.0820)

Avg % Abs = 0.1327 (0.0480)
STD DEV = 0.0095 (0.0300)
REL STD DEV = 7.164 (62.604)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1240	(0.0000)
Sample #2 =	0.1280	(-0.0060)
Sample #3 =	0.1280	(0.0020)
Sample #4 =	0.1400	(0.0080)

Avg % Abs = 0.1320 (0.0013)
STD DEV = 0.0069 (0.0070)
REL STD DEV = 5.249 (526.783)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12789, 9um Io = 13839

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9060	(-0.0150)
Sample #2 =	0.8930	(0.0290)
Sample #3 =	0.9190	(0.0580)
Sample #4 =	0.9040	(0.0650)

Avg % Abs = 0.9053 (0.0507)
STD DEV = 0.0131 (0.0191)
REL STD DEV = 1.442 (37.673)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5870	(-0.0170)
Sample #2 =	1.5840	(0.0050)
Sample #3 =	1.5950	(0.0090)
Sample #4 =	1.6070	(0.0040)

Avg % Abs = 1.5953 (0.0060)
STD DEV = 0.0115 (0.0026)
REL STD DEV = 0.721 (44.096)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12775, 9um Io = 13834

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9820	(-0.0180)
Sample #2 =	2.0120	(0.0040)
Sample #3 =	1.9750	(0.0230)
Sample #4 =	1.9870	(0.0400)

Avg % Abs = 1.9913 (0.0223)
STD DEV = 0.0189 (0.0180)
REL STD DEV = 0.948 (80.638)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7240	(-0.0070)
Sample #2 =	3.7390	(0.0050)
Sample #3 =	3.7320	(0.0140)
Sample #4 =	3.7270	(0.0390)

Avg % Abs = 3.7327 (0.0193)
STD DEV = 0.0060 (0.0176)
REL STD DEV = 0.161 (91.119)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12766, 9um Io = 13828

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8200	(-0.0220)
Sample #2 =	3.7840	(0.0120)
Sample #3 =	3.7650	(0.0510)
Sample #4 =	3.7810	(0.0720)

Avg % Abs = 3.7767 (0.0450)
STD DEV = 0.0102 (0.0304)
REL STD DEV = 0.270 (67.659)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.1540	(0.0000)
Sample #2 =	7.1180	(0.0410)
Sample #3 =	7.1060	(0.0500)
Sample #4 =	7.1350	(0.0600)

Avg % Abs = 7.1197 (0.0503)
STD DEV = 0.0146 (0.0095)
REL STD DEV = 0.205 (18.883)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12756, 9um Io = 13824

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4690	(-0.0270)
Sample #2 =	5.4650	(0.0060)
Sample #3 =	5.4380	(0.0460)
Sample #4 =	5.4420	(0.0450)

Avg % Abs = 5.4483 (0.0323)
STD DEV = 0.0146 (0.0228)
REL STD DEV = 0.267 (70.549)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.2880	(-0.0100)
Sample #2 =	10.2300	(0.0630)
Sample #3 =	10.2430	(0.0860)
Sample #4 =	10.2540	(0.0820)

Avg % Abs = 10.2423 (0.0770)
STD DEV = 0.0120 (0.0123)
REL STD DEV = 0.117 (15.959)

Optical Calibration
SN: 80-001174
Agency: Clermont PD
Date: 11/25 /2020
Quadratic Fit: +/- 0.002g/210L
By: DERR

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.133
Std Dev = 0.01 Rel Std Dev = 7.16
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.905
Std Dev = 0.01 Rel Std Dev = 1.44
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.991
Std Dev = 0.02 Rel Std Dev = 0.95
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.777
Std Dev = 0.01 Rel Std Dev = 0.27
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.448
Std Dev = 0.01 Rel Std Dev = 0.27
Zero Order Coef = -334.02
First Order Coef = 2463.42
Second Order Coef = 40.17
Standard Deviation = 22.284149

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.132
Std Dev = 0.01 Rel Std Dev = 5.25
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.595
Std Dev = 0.01 Rel Std Dev = 0.72
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.733
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.120
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.242
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -152.12
First Order Coef = 1257.11
Second Order Coef = 14.79
Standard Deviation = 18.125124

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.041	-0.0005
0.100	0.099	0.0007
0.200	0.200	-0.0004
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	-0.0003
0.040	0.040	0.0003
0.100	0.100	0.0003
0.200	0.201	-0.0005
0.300	0.300	0.0002

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2935.00
Sample #2 = 2916.00
Sample #3 = 3054.00
Sample #4 = 3012.00
Average Result = 2994.0000
STD DEV = 70.7390
REL STD DEV = 2.363
****
***** CHANNEL 2
Sample #1 = 3409.00
Sample #2 = 3399.00
Sample #3 = 3447.00
Sample #4 = 3427.00
Average Result = 3424.3333
STD DEV = 24.1109
REL STD DEV = 0.704
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1019
3 um H2O Adjust (mg/l*10,000) = 815
9 um H2O Adjust (mg/l*10,000) = 385
**** AUTO CAL PASS

2020.12.09
13:48:44 -05'00'

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1174	Clermont PD	11/20/2020	TDG MG

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ✓	0.077 to 0.083 ✓	0.194 to 0.206 ✓	0.077 to 0.083 ✓ ≤0.003 of Wet X

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/20/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:46
Control Test	0.048	14:46
Air Blank	0.000	14:47
Control Test	0.047	14:48
Air Blank	0.000	14:48
Control Test	0.048	14:49
Air Blank	0.000	14:49
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

MG
Operator's Signature

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/20/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:51
Control Test	0.078	14:52
Air Blank	0.000	14:52
Control Test	0.078	14:53
Air Blank	0.000	14:54
Control Test	0.078	14:54
Air Blank	0.000	14:55
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

MG
Operator's Signature

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/20/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:57
Control Test	0.198	14:57
Air Blank	0.000	14:58
Control Test	0.198	14:58
Air Blank	0.000	14:59
Control Test	0.197	15:00
Air Blank	0.000	15:00
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

MG
Operator's Signature

CLERMONT P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001174
11/20/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:01
Control Test	0.082	15:01
Air Blank	0.000	15:02
Control Test	0.082	15:02
Air Blank	0.000	15:03
Control Test	0.081	15:03
Air Blank	0.000	15:04
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7170	

MG
Operator's Signature

2020.12.09 13:48:26 -05'00'

Comments: Stabilities failed. Will perform an optical Calibration MG 11/20/2020

MK