INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Monroe County Sheriff's Office S/N 80-000867

Date In 3/3/2021 DI Completion Date 3/11/2021 ☐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 DER Date 3/3/2021

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 254
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.140 (.139 - .169)
36 mm 0.164 (.156 - .190)
53 mm 0.253 (.228 - .278)
103 mm 0.515 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 28663

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	202010A
		10/05/2022
0.080	SD3968	202010B
		10/05/2022
0.200	SD3969	202010D
		10/06/2022
0.080 DGS	N/A	AG026705
		09/23/2022

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 ____

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

DI Temp. Checks By DERR

- ■ Lab Temp °C 23.06C

External Digital Therm. ID#: 300918

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

Calibration Adjustment By DERR

Barometric Pressure Gauge 1015/1013 ID # 68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5098	20060	2/10/2022
0.100	MP5099	20420	09/22/2022
0.200	MP5100	20160	03/18/2022
0.300	MP5101	20030	01/21/2022
0.080 DGS	N/A	00521080A2	02/05/2023

- ■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	SD3967	202010A	10/05/2022
0.080	SD3968	202010B	10/05/2022
0.200	SD3969	202010D	10/06/2022
0.080 DGS	N/A	AG026705	09/23/2022

Department Inspection By DERR

Barometric Pressure ID# 28199

Gauge 1014/1026 Instrument 1013/1025

Mouth Alcohol Solution Lot # 2020-A

Acetone Stock Solution Lot # 2020-A

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

Attachments

- ■ Form 41
- ■ Stability Checks
- ■ Calibration Certificate
- ■ Calibration Adjustment
- ■ Post-Stability Checks
- ☐ Flow Calibration
- ■ Form 40
- ☐ Other ____

Notes/Suggested Service: Optical calibration to bring values closer to nominal. I missed the sequence on the post stabilities. I will start the process again from the stabilities and conduct a second calibration of the instrument. DERR

- ■ **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 2021.03.11 10:56:28 -05'00' — Tech Review / Date

2021.03.11 13:13:11 — Admin. Review / Date

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 80-000867 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000867
Owning Agency:	MONROE COUNTY SO
Calibration Date:	03/11/2021
Calibration Time:	09:31

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

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

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without written approval of the Florida Department of
Law Enforcement Alcohol Testing Program.

03/11/2021
Date

DAVID E REYES-RIVERA,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MONROE COUNTY SO
Time of Inspection: 09:31 Date of Inspection: 03/11/2021

Serial Number: 80-000867
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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.048	0.079	0.199	0.079
0.000	0.047	0.079	0.199	0.079
0.000	0.047	0.079	0.199	0.079
0.000	0.047	0.079	0.199	0.079
0.000	0.048	0.080	0.199	0.079
0.000	0.047	0.080	0.199	0.079
0.000	0.047	0.079	0.199	0.080
0.000	0.047	0.079	0.200	0.079
0.000	0.048	0.080	0.200	0.079
0.000	0.048	0.080	0.199	0.079

Standard Deviations	0.0005	0.0005	0.0004	0.0003

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

Remarks:

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

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

David Reyes Rivera DAVID E REYES-RIVERA
Signature and Printed Name

03/11/2021
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000867	Monroe County Sheriff's Office	3/11/2021	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 ✓

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:15
Control Test	0.047	07:16
Air Blank	0.000	07:17
Control Test	0.047	07:17
Air Blank	0.000	07:18
Control Test	0.048	07:19
Air Blank	0.000	07:19

Control Test Stats

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

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:20
Control Test	0.078	07:21
Air Blank	0.000	07:21
Control Test	0.079	07:22
Air Blank	0.000	07:23
Control Test	0.079	07:23
Air Blank	0.000	07:24

Control Test Stats

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

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:26
Control Test	0.194	07:27
Air Blank	0.000	07:27
Control Test	0.194	07:28
Air Blank	0.000	07:28
Control Test	0.195	07:29
Air Blank	0.000	07:30

Control Test Stats

Average	0.1943
Std Dev	0.0006
Rel Std Dev(%)	0.2971

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:33
Control Test	0.080	07:34
Air Blank	0.000	07:34
Control Test	0.079	07:34
Air Blank	0.000	07:35
Control Test	0.079	07:35
Air Blank	0.000	07:36

Control Test Stats

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

Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: MONROE COUNTY SO
Serial Number: 80-000867
Time of Inspection: 07:08
Date of Inspection: 03/11/2021
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 Reyes Rivera
DAVID E REYES-RIVERA
Signature and Printed Name

03/11/2021
Date

FDLE/ATP Form 40 – March 2004

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities 2	80-000867	Monroe County Sheriff's Office	3/3/2021	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

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:10
Control Test	0.047	14:11
Air Blank	0.000	14:11
Control Test	0.047	14:12
Air Blank	0.000	14:12
Control Test	0.048	14:13
Air Blank	0.000	14:14

Control Test Stats

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

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:15
Control Test	0.076	14:16
Air Blank	0.000	14:16
Control Test	0.077	14:17
Air Blank	0.000	14:17
Control Test	0.077	14:18
Air Blank	0.000	14:18

Control Test Stats

Average	0.0767
Std Dev	0.0006
Rel Std Dev(%)	0.7531

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:19
Control Test	0.192	14:20
Air Blank	0.000	14:21
Control Test	0.195	14:21
Air Blank	0.000	14:22
Control Test	0.195	14:22
Air Blank	0.000	14:23

Control Test Stats

Average	0.1940
Std Dev	0.0017
Rel Std Dev(%)	0.8928

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:24
Control Test	0.080	14:24
Air Blank	0.000	14:25
Control Test	0.081	14:25
Air Blank	0.000	14:26
Control Test	0.081	14:26
Air Blank	0.000	14:26

Control Test Stats

Average	0.0807
Std Dev	0.0006
Rel Std Dev(%)	0.7157

Operator's Signature

ONROE COUNTY SO
ntoxilyzer - Alcmct Analyzer
odel 8000 SN 80-000867
3/03/2021 13:17:57

uto Calibration
ax Power Res Value = 44
uto Range Res Value = 25

ol Value = 0.000 g/210L ***
it value = 0.0000 mg/l %%%%
amples Taken = 4, Discarded = 1
um Io = 12596, 9um Io = 13560
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
ample #1 =	0.0890	(-0.0080)
ample #2 =	0.0980	(-0.0030)
ample #3 =	0.0770	(0.0420)
ample #4 =	0.1040	(0.0300)

vg % Abs = 0.0930 (0.0230)
TD DEV = 0.0142 (0.0233)
EL STD DEV = 15.245 (101.315)

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

Sample	% Abs	(% Abs Ref)
ample #1 =	0.0970	(-0.0090)
ample #2 =	0.1040	(-0.0160)
ample #3 =	0.0750	(0.0000)
ample #4 =	0.0870	(-0.0060)

vg % Abs = 0.0887 (-0.0073)
TD DEV = 0.0146 (0.0081)
EL STD DEV = 16.434 (110.221)

ol Value = 0.040 g/210L ***
it value = 0.1905 mg/l %%%%
amples Taken = 4, Discarded = 1
um Io = 12584, 9um Io = 13557
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
ample #1 =	0.8580	(-0.0240)
ample #2 =	0.8820	(0.0230)
ample #3 =	0.8890	(0.0290)
ample #4 =	0.8770	(0.0440)

vg % Abs = 0.8827 (0.0320)
TD DEV = 0.0060 (0.0108)
EL STD DEV = 0.683 (33.802)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5060	(-0.0090)
Sample #2 =	1.5430	(0.0030)
Sample #3 =	1.5560	(0.0000)
Sample #4 =	1.5600	(0.0030)

Avg % Abs = 1.5530 (0.0020)
STD DEV = 0.0089 (0.0017)
REL STD DEV = 0.572 (86.603)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12576, 9um Io = 13554
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0270	(-0.0240)
Sample #2 =	2.0490	(-0.0380)
Sample #3 =	2.0350	(0.0000)
Sample #4 =	2.0270	(-0.0160)

Avg % Abs = 2.0370 (-0.0180)
STD DEV = 0.0111 (0.0191)
REL STD DEV = 0.547 (105.993)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6190	(-0.0120)
Sample #2 =	3.6410	(-0.0190)
Sample #3 =	3.6430	(-0.0060)
Sample #4 =	3.6460	(-0.0090)

Avg % Abs = 3.6433 (-0.0113)
STD DEV = 0.0025 (0.0068)
REL STD DEV = 0.069 (60.061)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12576, 9um Io = 13554
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8990	(-0.0030)
Sample #2 =	3.9290	(-0.0010)
Sample #3 =	3.9310	(0.0020)
Sample #4 =	3.9260	(0.0180)

Avg % Abs = 3.9287 (0.0063)
STD DEV = 0.0025 (0.0102)
REL STD DEV = 0.064 (161.280)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9620	(-0.0050)
Sample #2 =	6.9840	(0.0020)
Sample #3 =	6.9940	(0.0000)
Sample #4 =	7.0090	(0.0070)

Avg % Abs = 6.9957 (0.0030)
STD DEV = 0.0126 (0.0036)
REL STD DEV = 0.180 (120.185)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12574, 9um Io = 13552
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.6900	(-0.0230)
Sample #2 =	5.6820	(0.0220)
Sample #3 =	5.6960	(0.0400)
Sample #4 =	5.7040	(0.0220)

Avg % Abs = 5.6940 (0.0280)
STD DEV = 0.0111 (0.0104)
REL STD DEV = 0.196 (37.115)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0190	(-0.0090)
Sample #2 =	10.0690	(-0.0050)
Sample #3 =	10.0950	(0.0030)
Sample #4 =	10.1090	(-0.0130)

Avg % Abs = 10.0910 (-0.0050)
STD DEV = 0.0203 (0.0080)
REL STD DEV = 0.201 (160.000)

Optical Calibration 2
SN: 80-000867
Agency: Monroe County SO
Date: 3/3/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.093
Std Dev = 0.01 Rel Std Dev = 15.24
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.883
Std Dev = 0.01 Rel Std Dev = 0.68
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.037
Std Dev = 0.01 Rel Std Dev = 0.55
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.929
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.694
Std Dev = 0.01 Rel Std Dev = 0.20
Zero Order Coef = -206.50
First Order Coef = 2357.86
Second Order Coef = 32.51
Standard Deviation = 24.939726

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.089
Std Dev = 0.01 Rel Std Dev = 16.43
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.553
Std Dev = 0.01 Rel Std Dev = 0.57
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.643
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.996
Std Dev = 0.01 Rel Std Dev = 0.18
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.091
Std Dev = 0.02 Rel Std Dev = 0.20
Zero Order Coef = -109.31
First Order Coef = 1277.01
Second Order Coef = 14.74
Standard Deviation = 16.592251

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0001
0.100	0.099	0.0006
0.200	0.201	-0.0007
0.300	0.300	0.0003

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	-0.0001
0.100	0.100	0.0005
0.200	0.200	-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 = 3168.00
Sample #2 = 3116.00
Sample #3 = 3152.00
Sample #4 = 3192.00
Average Result = 3153.3333
STD DEV = 38.0175
REL STD DEV = 1.206
****
***** CHANNEL 2
Sample #1 = 3376.00
Sample #2 = 3351.00
Sample #3 = 3359.00
Sample #4 = 3415.00
Average Result = 3375.0000
STD DEV = 34.8712
REL STD DEV = 1.033
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1013
3 um H2O Adjust (mg/l*10,000) = 656
9 um H2O Adjust (mg/l*10,000) = 434
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities 2	80-000867	Monroe County Sheriff's Office	3/3/2021	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 ✓

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:48
Control Test	0.047	12:49
Air Blank	0.000	12:49
Control Test	0.047	12:50
Air Blank	0.000	12:51
Control Test	0.047	12:51
Air Blank	0.000	12:52
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:53
Control Test	0.078	12:54
Air Blank	0.000	12:54
Control Test	0.078	12:55
Air Blank	0.000	12:55
Control Test	0.077	12:56
Air Blank	0.000	12:56
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:57
Control Test	0.193	12:58
Air Blank	0.000	12:58
Control Test	0.195	12:59
Air Blank	0.000	13:00
Control Test	0.197	13:00
Air Blank	0.000	13:01
Control Test Stats		
Average	0.1950	
Std Dev	0.0020	
Rel Std Dev(%)	1.0256	

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:02
Control Test	0.080	13:02
Air Blank	0.000	13:03
Control Test	0.080	13:03
Air Blank	0.000	13:04
Control Test	0.079	13:04
Air Blank	0.000	13:04
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-000867	Monroe County Sheriff's Office	3/3/2021	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 ✓

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:10
Control Test	0.046	12:11
Air Blank	0.000	12:11
Control Test	0.046	12:12
Air Blank	0.000	12:12
Control Test	0.046	12:13
Air Blank	0.000	12:13

Control Test Stats

Average	0.0460
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:16
Control Test	0.078	12:17
Air Blank	0.000	12:18
Control Test	0.080	12:18
Air Blank	0.000	12:19
Control Test	0.079	12:20
Air Blank	0.000	12:20

Control Test Stats

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

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.195	12:22
Air Blank	0.000	12:22
Control Test	0.197	12:23
Air Blank	0.000	12:24
Control Test	0.198	12:24
Air Blank	0.000	12:25

Control Test Stats

Average	0.1967
Std Dev	0.0015
Rel Std Dev(%)	0.7767

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:38
Control Test	0.079	12:39
Air Blank	0.000	12:39
Control Test	0.079	12:40
Air Blank	0.000	12:40
Control Test	0.079	12:40
Air Blank	0.000	12:41

Control Test Stats

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

Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MONROE COUNTY SO
Time of Inspection: 12:00 Date of Inspection: 03/03/2021
Serial Number: 80-000867
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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.046	0.077	0.194	0.078
0.000	0.047	0.078	0.195	0.078
0.000	0.046	0.078	0.195	0.079
0.000	0.047	0.078	0.195	0.079
0.000	0.047	0.079	0.195	0.078
0.000	0.047	0.079	0.195	0.079
0.000	0.047	0.079	0.195	0.079
0.000	0.047	0.079	0.196	0.079
0.000	0.047	0.079	0.195	0.078
0.000	0.047	0.079	0.195	0.079

Standard Deviations	0.0004	0.0007	0.0004	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

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

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

David Reyes Rivera DAVID E REYES-RIVERA
Signature and Printed Name

03/03/2021
Date

FDLE/ATP Form 41 –Revised August 2005

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021 09:26:07

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 27

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 13013, 9um Io = 13767

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1420	(-0.0270)
Sample #2 =	0.1140	(0.0080)
Sample #3 =	0.1300	(0.0080)
Sample #4 =	0.1140	(0.0620)

Avg % Abs = 0.1193 (0.0260)
STD DEV = 0.0092 (0.0312)
REL STD DEV = 7.741 (119.911)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1120	(-0.0090)
Sample #2 =	0.1070	(-0.0110)
Sample #3 =	0.1010	(-0.0070)
Sample #4 =	0.1200	(0.0100)

Avg % Abs = 0.1093 (-0.0027)
STD DEV = 0.0097 (0.0112)
REL STD DEV = 8.883 (418.143)

Sol Value = 0.340 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 13003, 9um Io = 13764

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9050	(-0.0290)
Sample #2 =	0.8890	(0.0260)
Sample #3 =	0.9030	(0.0240)
Sample #4 =	0.8860	(0.0460)

Avg % Abs = 0.8927 (0.0320)
STD DEV = 0.0091 (0.0122)
REL STD DEV = 1.016 (38.017)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5290	(-0.0160)
Sample #2 =	1.5490	(-0.0050)
Sample #3 =	1.5420	(-0.0050)
Sample #4 =	1.5440	(0.0030)

Avg % Abs = 1.5450 (-0.0023)
STD DEV = 0.0036 (0.0046)
REL STD DEV = 0.233 (197.949)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12994, 9um Io = 13762

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0290	(-0.0240)
Sample #2 =	2.0560	(-0.0250)
Sample #3 =	2.0280	(-0.0120)
Sample #4 =	2.0210	(0.0280)

Avg % Abs = 2.0350 (-0.0030)
STD DEV = 0.0185 (0.0276)
REL STD DEV = 0.910 (920.749)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5930	(-0.0110)
Sample #2 =	3.6280	(-0.0220)
Sample #3 =	3.6180	(-0.0140)
Sample #4 =	3.6160	(0.0020)

Avg % Abs = 3.6207 (-0.0113)
STD DEV = 0.0064 (0.0122)
REL STD DEV = 0.178 (107.825)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12991, 9um Io = 13760

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.9250	(-0.0210)
Sample #2 =	3.9100	(-0.0160)
Sample #3 =	3.9180	(-0.0080)
Sample #4 =	3.9200	(-0.0030)

Avg % Abs = 3.9160 (-0.0090)
STD DEV = 0.0053 (0.0066)
REL STD DEV = 0.135 (72.860)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9240	(-0.0130)
Sample #2 =	6.9400	(-0.0070)
Sample #3 =	6.9580	(-0.0110)
Sample #4 =	6.9470	(0.0000)

Avg % Abs = 6.9483 (-0.0060)
STD DEV = 0.0091 (0.0056)
REL STD DEV = 0.131 (92.796)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12989, 9um Io = 13759

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.6700	(-0.0120)
Sample #2 =	5.6470	(0.0110)
Sample #3 =	5.6390	(0.0350)
Sample #4 =	5.6540	(0.0350)

Avg % Abs = 5.6467 (0.0270)
STD DEV = 0.0075 (0.0139)
REL STD DEV = 0.133 (51.320)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9630	(-0.0040)
Sample #2 =	9.9830	(0.0000)
Sample #3 =	9.9790	(0.0160)
Sample #4 =	10.0170	(0.0050)

Avg % Abs = 9.9930 (0.0070)
STD DEV = 0.0209 (0.0082)
REL STD DEV = 0.209 (116.934)

Optical Calibration
SN: 80-000867
Agency: Monroe County SO
Date: 3/3/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.119
Std Dev = 0.01 Rel Std Dev = 7.74
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.893
Std Dev = 0.01 Rel Std Dev = 1.02
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.035
Std Dev = 0.02 Rel Std Dev = 0.91
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.916
Std Dev = 0.01 Rel Std Dev = 0.14
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.647
Std Dev = 0.01 Rel Std Dev = 0.13
Zero Order Coef = -259.32
First Order Coef = 2375.48
Second Order Coef = 34.85
Standard Deviation = 38.673466

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.109
Std Dev = 0.01 Rel Std Dev = 8.88
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.545
Std Dev = 0.00 Rel Std Dev = 0.23
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.621
Std Dev = 0.01 Rel Std Dev = 0.18
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.948
Std Dev = 0.01 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.993
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -127.06
First Order Coef = 1286.51
Second Order Coef = 15.45
Standard Deviation = 24.526403

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0005
0.040	0.040	0.0003
0.100	0.099	0.0009
0.200	0.201	-0.0011
0.300	0.300	0.0004

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	0.0002
0.100	0.099	0.0006
0.200	0.201	-0.0007
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 = 3195.00
Sample #2 = 3092.00
Sample #3 = 3056.00
Sample #4 = 3195.00
Average Result = 3114.3333
STD DEV = 72.1411
REL STD DEV = 2.316
****
***** CHANNEL 2
Sample #1 = 3382.00
Sample #2 = 3397.00
Sample #3 = 3357.00
Sample #4 = 3399.00
Average Result = 3384.3333
STD DEV = 23.6925
REL STD DEV = 0.700
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1013
3 um H20 Adjust (mg/l*10,000) = 695
9 um H20 Adjust (mg/l*10,000) = 425
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000867	Monroe County Sheriff's Office	3/3/2021	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 ✓

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:29
Control Test	0.047	08:30
Air Blank	0.000	08:30
Control Test	0.047	08:31
Air Blank	0.000	08:31
Control Test	0.047	08:32
Air Blank	0.000	08:33

Control Test Stats

Average	0.0470
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:34
Control Test	0.077	08:35
Air Blank	0.000	08:35
Control Test	0.078	08:36
Air Blank	0.000	08:36
Control Test	0.078	08:37
Air Blank	0.000	08:37

Control Test Stats

Average	0.0777
Std Dev	0.0006
Rel Std Dev(%)	0.7434

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:39
Control Test	0.194	08:39
Air Blank	0.000	08:40
Control Test	0.195	08:41
Air Blank	0.000	08:41
Control Test	0.196	08:42
Air Blank	0.000	08:42

Control Test Stats

Average	0.1950
Std Dev	0.0010
Rel Std Dev(%)	0.5128

Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
03/03/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:43
Control Test	0.079	08:44
Air Blank	0.000	08:44
Control Test	0.079	08:45
Air Blank	0.000	08:45
Control Test	0.079	08:45
Air Blank	0.000	08:46

Control Test Stats

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

Operator's Signature