FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

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

Date In 01/17/2019 DI Completion Date 01/17/2018 DERR ☐Ship ☐P/U ☑H/D ☐CMI ☐EE

Intake Performed 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: _____

Final Release Date

FDLE

JAN 28 2019

Alcohol Testing Program

Quality Checks Performed By DERR

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 250
- ☑ Flow Verification (L/s)

Flow Column # ATP 104

32 mm	.144	(.139 - .169)
36 mm	.171	(.156 - .190)
53 mm	.253	(.228 - .278)
103 mm	.507	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28663

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D
		07/25/2019
0.080	SD3968	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 DERR

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☑ Other Form load/Changed pass

Temperature Checks Performed By DERR

- ☑ Lab Temp °C 22.15C

External Digital Therm. ID#: 300918

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

Calibration Adjustment Performed By DERR

Barometric Pressure Gauge 1023 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	MP4864	17410	12/06/2019
0.100	MP4863	18070	02/26/2020
0.200	SD3963	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	SD3968	201707E	07/25/2019
0.200	SD3969	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By DERR

Barometric Pressure ID# 68639

Gauge 1022 Instrument 1023

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	SD3968
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

Calibration adjustment to bring values closer to nominal. approval date1/17/2019

DERR

Digitally signed by DERR
Date: 2020.05.20 11:17:29 -04'00'

- ☑ **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**

DERR 1/28/19 — Tech Review / Date

1/28/19 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MONROE COUNTY SO
Time of Inspection: 10:00 Date of Inspection: 01/17/2019
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#: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	0.081	0.202	0.078
0.000	0.050	0.082	0.205	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.082	0.205	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.082	0.205	0.079
0.000	0.050	0.081	0.205	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.081	0.205	0.078

Standard Deviations	0.0000	0.0004	0.0011	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

01/17/2019
Date

1/28/19

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000867	Monroe County Sheriff's Office	01/17/2019	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.05C	SN: SD3968 Temp: 34.06C	SN: SD3969 Temp:34.08C	Lot AG805701
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
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:23
Control Test	0.051	06:24
Air Blank	0.000	06:24
Control Test	0.051	06:25
Air Blank	0.000	06:25
Control Test	0.051	06:26
Air Blank	0.000	06:27

Control Test Stats

Average	0.0510
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DERR
Operator's Signature

1/28/19

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:28
Control Test	0.082	06:29
Air Blank	0.000	06:29
Control Test	0.082	06:30
Air Blank	0.000	06:30
Control Test	0.082	06:31
Air Blank	0.000	06:31

Control Test Stats

Average	0.0820
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DERR
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:33
Control Test	0.199	06:34
Air Blank	0.000	06:34
Control Test	0.199	06:35
Air Blank	0.000	06:35
Control Test	0.200	06:36
Air Blank	0.000	06:37

Control Test Stats

Average	0.1993
Std Dev	0.0006
Rel Std Dev(%)	0.2896

DERR
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

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

Control Test Stats

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

DERR
Operator's Signature

CGM

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:	01/17/2019
Calibration Time:	10:00

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
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).

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.

01/17/2019
Date

DAVID E REYES-RIVERA,
Department Inspector

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

Service • Integrity • Respect • Quality

```
MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-000867
01/17/2019                        07:21:54

Auto Calibration
Max Power Res Value = 44
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12950, 9um Io = 13732
     <<<<< CHANNEL 1 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.1060      (-0.0060)
Sample #2 =  0.0880      (0.0350)
Sample #3 =  0.1050      (0.0490)
Sample #4 =  0.0710      (0.1000)
Avg % Abs = 0.0880  (0.0613)
STD DEV =  0.0170  (0.0342)
REL STD DEV = 19.318  (55.777)
     ------------------

     <<<<< CHANNEL 2 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.0860      (-0.0060)
Sample #2 =  0.0820      (0.0000)
Sample #3 =  0.0920      (-0.0120)
Sample #4 =  0.1020      (-0.0040)
Avg % Abs = 0.0920  (-0.0053)
STD DEV =  0.0100  (0.0061)
REL STD DEV = 10.870  (114.564)
     ------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12935, 9um Io = 13731
     <<<<< CHANNEL 1 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.9070      (-0.0180)
Sample #2 =  0.8880      (0.0010)
Sample #3 =  0.8840      (0.0430)
Sample #4 =  0.8920      (0.0270)
Avg % Abs = 0.8880  (0.0237)
STD DEV =  0.0040  (0.0212)
REL STD DEV = 0.450  (89.567)
     ------------------
```

1/18/19 DP

```
     <<<<< CHANNEL 2 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  1.5580      (-0.0070)
Sample #2 =  1.5450      (0.0080)
Sample #3 =  1.5460      (0.0270)
Sample #4 =  1.5430      (0.0150)
Avg % Abs = 1.5447  (0.0167)
STD DEV =  0.0015  (0.0096)
REL STD DEV = 0.099  (57.654)
     ------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12928, 9um Io = 13728
     <<<<< CHANNEL 1 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  2.0630      (-0.0190)
Sample #2 =  2.0450      (0.0280)
Sample #3 =  2.0460      (0.0110)
Sample #4 =  2.0510      (0.0370)
Avg % Abs = 2.0473  (0.0253)
STD DEV =  0.0032  (0.0132)
REL STD DEV = 0.157  (52.119)
     ------------------

     <<<<< CHANNEL 2 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  3.6320      (-0.0080)
Sample #2 =  3.6160      (0.0180)
Sample #3 =  3.6290      (0.0000)
Sample #4 =  3.6430      (0.0130)
Avg % Abs = 3.6293  (0.0103)
STD DEV =  0.0135  (0.0093)
REL STD DEV = 0.372  (89.918)
     ------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12923, 9um Io = 13726
     <<<<< CHANNEL 1 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  3.8720      (-0.0190)
Sample #2 =  3.8570      (-0.0040)
Sample #3 =  3.8420      (0.0340)
Sample #4 =  3.8760      (0.0000)
Avg % Abs = 3.8583  (0.0100)
STD DEV =  0.0170  (0.0209)
REL STD DEV = 0.442  (208.806)
     ------------------
```

```
     <<<<< CHANNEL 2 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  6.8600      (-0.0050)
Sample #2 =  6.8720      (0.0000)
Sample #3 =  6.8600      (0.0320)
Sample #4 =  6.8870      (0.0040)
Avg % Abs = 6.8730  (0.0120)
STD DEV =  0.0135  (0.0174)
REL STD DEV = 0.197  (145.297)
     ------------------

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12918, 9um Io = 13726
     <<<<< CHANNEL 1 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  5.5270      (-0.0140)
Sample #2 =  5.5780      (-0.0110)
Sample #3 =  5.5590      (-0.0090)
Sample #4 =  5.5010      (0.0300)
Avg % Abs = 5.5460  (0.0033)
STD DEV =  0.0401  (0.0231)
REL STD DEV = 0.723  (693.470)
     ------------------

     <<<<< CHANNEL 2 >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  9.7950      (0.0110)
Sample #2 =  9.8230      (0.0260)
Sample #3 =  9.8120      (0.0230)
Sample #4 =  9.7650      (0.0480)
Avg % Abs = 9.8000  (0.0323)
STD DEV =  0.0308  (0.0137)
REL STD DEV = 0.314  (42.218)
     ------------------
```

Optical Calibration
SN: 80-000867
Agency: Monroe County S.O.
Date: 01/17/2019
Quadratic Fit: +/-0.002g/210L
By: JCC

```
     ***** AUTO CAL DATA *****
     <<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.088
 Std Dev =   0.02 Rel Std Dev =  19.32
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.888
 Std Dev =   0.00 Rel Std Dev =   0.45
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    2.047
 Std Dev =   0.00 Rel Std Dev =   0.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.858
 Std Dev =   0.02 Rel Std Dev =   0.44
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    5.546
 Std Dev =   0.04 Rel Std Dev =   0.72
Zero Order Coef = -199.42
First Order Coef = 2313.79
Second Order Coef =  53.68
Standard Deviation =  4.676651
------------------

     <<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.092
 Std Dev =   0.01 Rel Std Dev =  10.87
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.545
 Std Dev =   0.00 Rel Std Dev =   0.10
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.629
 Std Dev =   0.01 Rel Std Dev =   0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.873
 Std Dev =   0.01 Rel Std Dev =   0.20
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.800
 Std Dev =   0.03 Rel Std Dev =   0.31
Zero Order Coef = -101.81
First Order Coef = 1257.66
Second Order Coef =  21.36
Standard Deviation =  19.697329
------------------
```

```
Solution Stats Quadratic Fit Chan 1
  Act        Fit       Residual
g/210L     g/210L      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        0.0000
```

```
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        0.0004
0.200      0.201       -0.0006
0.300      0.300        0.0002
------------------------------------

Sol Value = 0.300 g/210L ***
Fit value = 0.3810 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  3252.00
Sample #2 =  3192.00
Sample #3 =  3214.00
Sample #4 =  3098.00
Average Result = 3168.0000
STD DEV = 61.6117
REL STD DEV = 1.945
**********
***** CHANNEL 2
Sample #1 =  3428.00
Sample #2 =  3389.00
Sample #3 =  3407.00
Sample #4 =  3416.00
Average Result = 3404.0000
STD DEV = 13.7477
REL STD DEV = 0.404
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1023
  3 um H20 Adjust (mg/l*10,000) = 641
  9 um H20 Adjust (mg/l*10,000) = 405
**** AUTO CAL PASS
```

PSM

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-000867	Monroe County Sheriff's Office	01/17/2019	Dee

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.05C	SN: SD3968 Temp: 34.06C	SN: SD3969 Temp:34.08C	Lot AG805701
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
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:03
Control Test	0.049	08:04
Air Blank	0.000	08:05
Control Test	0.049	08:05
Air Blank	0.000	08:06
Control Test	0.050	08:06
Air Blank	0.000	08:07
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Dee
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:09
Control Test	0.080	08:09
Air Blank	0.000	08:10
Control Test	0.081	08:10
Air Blank	0.000	08:11
Control Test	0.081	08:12
Air Blank	0.000	08:12
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Dee
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:13
Control Test	0.202	08:14
Air Blank	0.000	08:14
Control Test	0.203	08:15
Air Blank	0.000	08:15
Control Test	0.202	08:16
Air Blank	0.000	08:17
Control Test Stats		
Average	0.2023	
Std Dev	0.0006	
Rel Std Dev(%)	0.2853	

Dee
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:18
Control Test	0.078	08:18
Air Blank	0.000	08:19
Control Test	0.079	08:19
Air Blank	0.000	08:19
Control Test	0.077	08:20
Air Blank	0.000	08:20
Control Test Stats		
Average	0.0780	
Std Dev	0.0010	
Rel Std Dev(%)	1.2821	

Dee
Operator's Signature

1/28/19

FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

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

Date In 01/17/2019 DI Completion Date 01/17/2019 DCLL ☐Ship ☐P/U ☑H/D ☐CMI ☐EE

Intake Performed By DCLL

- ☑ 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 Performed By DCLL

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 250
- ☑ Flow Verification (L/s)

Flow Column # ATP 104

32 mm	.144	(.139 - .169)
36 mm	.171	(.156 - .190)
53 mm	.253	(.228 - .278)
103 mm	.507	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28663

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D
		07/25/2019
0.080	SD3968	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 DCLL

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☑ Other Form load/Changed pass

Temperature Checks Performed By DCLL

- ☑ Lab Temp °C 22.15C

External Digital Therm. ID#: 300918

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

Final Release Date

FDLE

JAN 28 2019

Alcohol Testing Program

Calibration Adjustment Performed By DCLL

Barometric Pressure Gauge 1023 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	MP4864	17410	12/06/2019
0.100	MP4863	18070	02/26/2020
0.200	SD3963	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	SD3968	201707E	07/25/2019
0.200	SD3969	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By DCLL

Barometric Pressure ID# 68639

Gauge 1022 Instrument 1023

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	SD3968
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

Calibration adjustment to bring values closer to nominal

- ☑ **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**

DCLL 1/28/19 Tech Review / Date

1/28/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MONROE COUNTY SO
Time of Inspection: 10:00
Date of Inspection: 01/17/2019
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#: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	0.081	0.202	0.078
0.000	0.050	0.082	0.205	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.082	0.205	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.082	0.205	0.079
0.000	0.050	0.081	0.205	0.078
0.000	0.050	0.082	0.206	0.078
0.000	0.050	0.081	0.205	0.078

Standard Deviations	0.0000	0.0004	0.0011	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 E REYES-RIVERA
Signature and Printed Name

01/17/2019
Date

1/28/19

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000867	Monroe County Sheriff's Office	01/17/2019	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.05C	SN: SD3968 Temp: 34.06C	SN: SD3969 Temp:34.08C	Lot AG805701
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
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:23
Control Test	0.051	06:24
Air Blank	0.000	06:24
Control Test	0.051	06:25
Air Blank	0.000	06:25
Control Test	0.051	06:26
Air Blank	0.000	06:27

Control Test Stats

Average	0.0510
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DERR
Operator's Signature

1/26/19

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:28
Control Test	0.082	06:29
Air Blank	0.000	06:29
Control Test	0.082	06:30
Air Blank	0.000	06:30
Control Test	0.082	06:31
Air Blank	0.000	06:31

Control Test Stats

Average	0.0820
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DERR
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:33
Control Test	0.199	06:34
Air Blank	0.000	06:34
Control Test	0.199	06:35
Air Blank	0.000	06:35
Control Test	0.200	06:36
Air Blank	0.000	06:37

Control Test Stats

Average	0.1993
Std Dev	0.0006
Rel Std Dev(%)	0.2896

DERR
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

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

Control Test Stats

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

DERR
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 80-000867 , 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:	01/17/2019
Calibration Time:	10:00

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
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).

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.

01/17/2019
Date

DAVID E REYES-RIVERA,
Department Inspector

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

Service • Integrity • Respect • Quality

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019 07:21:54

Auto Calibration
Max Power Res Value = 44
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12950, 9um Io = 13732

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1060	(-0.0060)
Sample #2 =	0.0880	(0.0350)
Sample #3 =	0.1050	(0.0490)
Sample #4 =	0.0710	(0.1000)

Avg % Abs = 0.0880 (0.0613)
STD DEV = 0.0170 (0.0342)
REL STD DEV = 19.318 (55.777)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0860	(-0.0060)
Sample #2 =	0.0820	(0.0000)
Sample #3 =	0.0920	(-0.0120)
Sample #4 =	0.1020	(-0.0040)

Avg % Abs = 0.0920 (-0.0053)
STD DEV = 0.0100 (0.0061)
REL STD DEV = 10.870 (114.564)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12935, 9um Io = 13731

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9070	(-0.0180)
Sample #2 =	0.8880	(0.0010)
Sample #3 =	0.8840	(0.0430)
Sample #4 =	0.8920	(0.0270)

Avg % Abs = 0.8880 (0.0237)
STD DEV = 0.0040 (0.0212)
REL STD DEV = 0.450 (89.567)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5580	(-0.0070)
Sample #2 =	1.5450	(0.0080)
Sample #3 =	1.5460	(0.0270)
Sample #4 =	1.5430	(0.0150)

Avg % Abs = 1.5447 (0.0167)
STD DEV = 0.0015 (0.0096)
REL STD DEV = 0.099 (57.654)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12928, 9um Io = 13728

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0630	(-0.0190)
Sample #2 =	2.0450	(0.0280)
Sample #3 =	2.0460	(0.0110)
Sample #4 =	2.0510	(0.0370)

Avg % Abs = 2.0473 (0.0253)
STD DEV = 0.0032 (0.0132)
REL STD DEV = 0.157 (52.119)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6320	(-0.0080)
Sample #2 =	3.6160	(0.0180)
Sample #3 =	3.6290	(0.0000)
Sample #4 =	3.6430	(0.0130)

Avg % Abs = 3.6293 (0.0103)
STD DEV = 0.0135 (0.0093)
REL STD DEV = 0.372 (89.918)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12923, 9um Io = 13726

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8720	(-0.0190)
Sample #2 =	3.8570	(-0.0040)
Sample #3 =	3.8420	(0.0340)
Sample #4 =	3.8760	(0.0000)

Avg % Abs = 3.8583 (0.0100)
STD DEV = 0.0170 (0.0209)
REL STD DEV = 0.442 (208.806)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8600	(-0.0050)
Sample #2 =	6.8720	(0.0000)
Sample #3 =	6.8600	(0.0320)
Sample #4 =	6.8870	(0.0040)

Avg % Abs = 6.8730 (0.0120)
STD DEV = 0.0135 (0.0174)
REL STD DEV = 0.197 (145.297)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12918, 9um Io = 13726

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5270	(-0.0140)
Sample #2 =	5.5780	(-0.0110)
Sample #3 =	5.5590	(-0.0090)
Sample #4 =	5.5010	(0.0300)

Avg % Abs = 5.5460 (0.0033)
STD DEV = 0.0401 (0.0231)
REL STD DEV = 0.723 (693.470)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7950	(0.0110)
Sample #2 =	9.8230	(0.0260)
Sample #3 =	9.8120	(0.0230)
Sample #4 =	9.7650	(0.0480)

Avg % Abs = 9.8000 (0.0323)
STD DEV = 0.0308 (0.0137)
REL STD DEV = 0.314 (42.218)

Optical Calibration
SN: 80-000867
Agency: Monroe County S.O.
Date: 01/17/2019
Quadratic Fit: +/-0.002g/210L
By:

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.088
Std Dev = 0.02 Rel Std Dev = 19.32
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.888
Std Dev = 0.00 Rel Std Dev = 0.45
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.047
Std Dev = 0.00 Rel Std Dev = 0.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.858
Std Dev = 0.02 Rel Std Dev = 0.44
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.546
Std Dev = 0.04 Rel Std Dev = 0.72
Zero Order Coef = -199.42
First Order Coef = 2313.79
Second Order Coef = 53.68
Standard Deviation = 4.676651

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.092
Std Dev = 0.01 Rel Std Dev = 10.87
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.545
Std Dev = 0.00 Rel Std Dev = 0.10
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.629
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.873
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.800
Std Dev = 0.03 Rel Std Dev = 0.31
Zero Order Coef = -101.81
First Order Coef = 1257.66
Second Order Coef = 21.36
Standard Deviation = 19.697329

Solution Stats Quadratic Fit Chan 1

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	0.0000

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0003
0.100	0.100	0.0004
0.200	0.201	-0.0006
0.300	0.300	0.0002

Sol Value = 0.380 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3252.00
Sample #2 = 3192.00
Sample #3 = 3214.00
Sample #4 = 3098.00
Average Result = 3168.0000
STD DEV = 61.6117
REL STD DEV = 1.945
****
***** CHANNEL 2
Sample #1 = 3428.00
Sample #2 = 3389.00
Sample #3 = 3407.00
Sample #4 = 3416.00
Average Result = 3404.0000
STD DEV = 13.7477
REL STD DEV = 0.404
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1023
3 um H20 Adjust (mg/l*10,000) = 641
9 um H20 Adjust (mg/l*10,000) = 405
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-000867	Monroe County Sheriff's Office	01/17/2019	Dee

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.05C	SN: SD3968 Temp: 34.06C	SN: SD3969 Temp:34.08C	Lot AG805701
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
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:03
Control Test	0.049	08:04
Air Blank	0.000	08:05
Control Test	0.049	08:05
Air Blank	0.000	08:06
Control Test	0.050	08:06
Air Blank	0.000	08:07
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Dee
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:09
Control Test	0.080	08:09
Air Blank	0.000	08:10
Control Test	0.081	08:10
Air Blank	0.000	08:11
Control Test	0.081	08:12
Air Blank	0.000	08:12
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Dee
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:13
Control Test	0.202	08:14
Air Blank	0.000	08:14
Control Test	0.203	08:15
Air Blank	0.000	08:15
Control Test	0.202	08:16
Air Blank	0.000	08:17
Control Test Stats		
Average	0.2023	
Std Dev	0.0006	
Rel Std Dev(%)	0.2853	

Dee
Operator's Signature

MONROE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000867
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:18
Control Test	0.078	08:18
Air Blank	0.000	08:19
Control Test	0.079	08:19
Air Blank	0.000	08:19
Control Test	0.077	08:20
Air Blank	0.000	08:20
Control Test Stats		
Average	0.0780	
Std Dev	0.0010	
Rel Std Dev(%)	1.2821	

Dee
Operator's Signature

1/28/19

8000