FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Lake County Sheriff's Office S/N 80-006222

Date In 09/11/18 DI Completion Date 09/12/2018 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By SQC

☑ 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: missing (2) feet on dry gas shelf

Quality Checks Performed By [illegible]

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 234
☑ Flow Verification (L/s)
Flow Column # ATP 102
32 mm 0.167 (.139 - .169)
36 mm 0.183 (.156 - .190)
53 mm 0.253 (.228 - .278)
103 mm 0.496 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28427
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201707D 07/25/2019
0.080	DR1275	201707E 07/25/2019
0.200	SD1013	201707C 07/24/2019
0.080 DGS	N/A	AG805701 02/26/2020

Flow Calibration Performed By

Flow Column #
☐ 5L/min – 17mm
☐ 15L/min – 53mm
☐ 30L/min – 103mm
☐ R-Value
☐ Post Calibration Verification (L/s)
Flow Column #
32 mm (.139 - .169)
36 mm (.156 - .190)
53 mm (.228 - .278)
103 mm (.447 - .547)

Maintenance Performed By

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

Temperature Checks Performed By [illegible]

☑ Lab Temp °C 22.1
External Digital Therm. ID#: 300503
☑ 34°C +-.2 Serial #: SD1021
☑ 34°C +-.2 Serial #: DR1275
☑ 34°C +-.2 Serial #: SD1013

Final Release Date

FDLE
SEP 12 2018
Alcohol Testing Program

Calibration Adjustment Performed By [illegible]

Barometric Pressure Gauge 1016 ID # 28662

Simulator	Serial Number	Lot Number	Expiration
0.000	G2834	N/A	N/A
0.040	SD1022	17410	12/06/2019
0.100	SD3964	18070	02/26/2020
0.200	SD1025	17340	10/09/2019
0.300	SD1024	18110	04/02/2020
0.080 DGS	N/A	17817080A2	08/05/2019

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1021	201707D	07/25/2019
0.080	DR1275	201707E	07/25/2019
0.200	SD1013	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By [illegible]

Barometric Pressure ID# 28427
Gauge 1014 Instrument 1015
Mouth Alcohol Solution Lot # 2017-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G11621
Interferent	DR3855
0.050	SD1021
0.080	DR1275
0.200	SD1013

Attachments

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

Notes/Suggested Service: Performed optical bench calibration adjustment to bring values closer to nominal. DMB 09/12/2018

☑ **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**

SP 9/12/18 — Tech Review / Date
[illegible] 9/12/18 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKE COUNTY SO
Serial Number: 80-006222
Time of Inspection: 14:32
Date of Inspection: 09/12/2018
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	0.047	0.080	0.199	0.079
0.000	0.049	0.081	0.201	0.079
0.000	0.049	0.082	0.201	0.079
0.000	0.049	0.081	0.201	0.078
0.000	0.050	0.081	0.201	0.079
0.000	0.049	0.081	0.201	0.078
0.000	0.049	0.081	0.201	0.079
0.000	0.050	0.081	0.201	0.079
0.000	0.049	0.081	0.201	0.079
0.000	0.050	0.081	0.201	0.079
Standard Deviations	0.0008	0.0004	0.0006	0.0004

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

Remarks:

SP

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.

Danielle M Bell — DANIELLE M BELL
Signature and Printed Name

09/12/2018
Date

9/12/18

FDLE/ATP Form 41 –Revised August 2005

Stability Checks #80-006222 Lake County S.O. 9/12/18 RMB

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:50
Control Test	0.046	08:50
Air Blank	0.000	08:51
Control Test	0.046	08:52
Air Blank	0.000	08:52
Control Test	0.045	08:53
Air Blank	0.000	08:53
Control Test Stats		
Average	0.0457	
Std Dev	0.0006	
Rel Std Dev(%)	1.2643	

RMB
Operator's Signature

9/12/18

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:55
Control Test	0.076	08:55
Air Blank	0.000	08:56
Control Test	0.077	08:57
Air Blank	0.000	08:57
Control Test	0.078	08:58
Air Blank	0.000	08:59
Control Test Stats		
Average	0.0770	
Std Dev	0.0010	
Rel Std Dev(%)	1.2987	

RMB
Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:01
Control Test	0.196	09:02
Air Blank	0.000	09:02
Control Test	0.196	09:03
Air Blank	0.000	09:03
Control Test	0.196	09:04
Air Blank	0.000	09:05
Control Test Stats		
Average	0.1960	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

RMB
Operator's Signature

DGS

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:05
Control Test	0.081	09:06
Air Blank	0.000	09:06
Control Test	0.080	09:06
Air Blank	0.000	09:07
Control Test	0.080	09:07
Air Blank	0.000	09:08
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

SP

RMB
Operator's Signature

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006222 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-006222		
Owning Agency:	LAKE COUNTY SO	0.050 g/ 210 L	0.004
Calibration Date:	09/12/2018	0.080 g/ 210 L	0.005
Calibration Time:	14:32	0.200 g/ 210 L	0.008
		0.080 g/ 210 L Dry Gas Control	0.005

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

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

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

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

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

09/12/2018
Date

DANIELLE M BELL,
Department Inspector

SP

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

09/12/18

Optical Bench Calibration Adjustment Data #80-006222 Lake County S.O. 9/12/18 RMB

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018 10:38:25

Auto Calibration
Max Power Res Value = 115
Auto Range Res Value = 106

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12562, 9um Io = 13634

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0410	(-0.0180)
Sample #2 =	0.0470	(0.0000)
Sample #3 =	0.0590	(-0.0120)
Sample #4 =	0.0820	(-0.0030)

Avg % Abs = 0.0627 (-0.0050)
STD DEV = 0.0178 (0.0062)
REL STD DEV = 28.382 (124.900)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1510	(-0.0030)
Sample #2 =	0.1640	(-0.0030)
Sample #3 =	0.1740	(0.0060)
Sample #4 =	0.1710	(0.0090)

Avg % Abs = 0.1697 (0.0040)
STD DEV = 0.0051 (0.0062)
REL STD DEV = 3.025 (156.125)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12558, 9um Io = 13628

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7580	(-0.0100)
Sample #2 =	0.7320	(0.0020)
Sample #3 =	0.7620	(0.0120)
Sample #4 =	0.7540	(0.0260)

Avg % Abs = 0.7493 (0.0133)
STD DEV = 0.0155 (0.0121)
REL STD DEV = 2.073 (90.416)

9/12/18 SP

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5350	(-0.0090)
Sample #2 =	1.5470	(-0.0070)
Sample #3 =	1.5700	(-0.0010)
Sample #4 =	1.5740	(0.0070)

Avg % Abs = 1.5637 (-0.0003)
STD DEV = 0.0146 (0.0070)
REL STD DEV = 0.932 (2107.130)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12554, 9um Io = 13625

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7580	(-0.0140)
Sample #2 =	1.7820	(-0.0010)
Sample #3 =	1.8020	(-0.0100)
Sample #4 =	1.7880	(-0.0120)

Avg % Abs = 1.7907 (-0.0077)
STD DEV = 0.0103 (0.0059)
REL STD DEV = 0.573 (76.428)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5480	(-0.0040)
Sample #2 =	3.5640	(0.0170)
Sample #3 =	3.5960	(0.0070)
Sample #4 =	3.5690	(0.0240)

Avg % Abs = 3.5763 (0.0160)
STD DEV = 0.0172 (0.0085)
REL STD DEV = 0.481 (53.400)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12552, 9um Io = 13621

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.3870	(-0.0100)
Sample #2 =	3.3890	(0.0140)
Sample #3 =	3.4240	(0.0140)
Sample #4 =	3.4540	(-0.0050)

Avg % Abs = 3.4223 (0.0077)
STD DEV = 0.0325 (0.0110)
REL STD DEV = 0.951 (143.082)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7050	(-0.0130)
Sample #2 =	6.6910	(0.0280)
Sample #3 =	6.7310	(0.0220)
Sample #4 =	6.7410	(0.0220)

Avg % Abs = 6.7210 (0.0240)
STD DEV = 0.0265 (0.0035)
REL STD DEV = 0.394 (14.434)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12553, 9um Io = 13621

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.0440	(-0.0100)
Sample #2 =	5.0530	(0.0050)
Sample #3 =	5.0400	(0.0280)
Sample #4 =	5.0360	(0.0140)

Avg % Abs = 5.0430 (0.0157)
STD DEV = 0.0089 (0.0116)
REL STD DEV = 0.176 (73.980)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7690	(0.0020)
Sample #2 =	9.7750	(0.0300)
Sample #3 =	9.7770	(0.0460)
Sample #4 =	9.7570	(0.0550)

Avg % Abs = 9.7697 (0.0437)
STD DEV = 0.0110 (0.0127)
REL STD DEV = 0.113 (28.998)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.063
Std Dev = 0.02 Rel Std Dev = 28.38
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.749
Std Dev = 0.02 Rel Std Dev = 2.07
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.791
Std Dev = 0.01 Rel Std Dev = 0.57
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.422
Std Dev = 0.03 Rel Std Dev = 0.95
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.043
Std Dev = 0.01 Rel Std Dev = 0.18
Zero Order Coef = -172.18
First Order Coef = 2727.98
Second Order Coef = 27.95
Standard Deviation = 27.802109

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.170
Std Dev = 0.01 Rel Std Dev = 3.02
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.564
Std Dev = 0.01 Rel Std Dev = 0.93
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.576
Std Dev = 0.02 Rel Std Dev = 0.48
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.721
Std Dev = 0.03 Rel Std Dev = 0.39
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.770
Std Dev = 0.01 Rel Std Dev = 0.11
Zero Order Coef = -245.55
First Order Coef = 1360.62
Second Order Coef = 13.09
Standard Deviation = 23.432131

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0000
0.040	0.040	0.0004
0.100	0.101	-0.0008
0.200	0.199	0.0007
0.300	0.300	-0.0002

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0003
0.040	0.040	-0.0002
0.100	0.101	-0.0005
0.200	0.199	0.0007
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 = 3297.00
Sample #2 = 3250.00
Sample #3 = 3237.00
Sample #4 = 3283.00
Average Result = 3256.6667
STD DEV = 23.7136
REL STD DEV = 0.728
****

***** CHANNEL 2
Sample #1 = 3255.00
Sample #2 = 3238.00
Sample #3 = 3221.00
Sample #4 = 3243.00
Average Result = 3234.0000
STD DEV = 11.5326
REL STD DEV = 0.357
****

Dry Gas H20 Adjust Results **********
Barometric Pressure = 1016
3 um H20 Adjust (mg/l*10,000) = 553
9 um H20 Adjust (mg/l*10,000) = 575
**** AUTO CAL PASS

SP

Post-Calibration Adjustment
Stability Checks #80-006222 Lake County S.O. 9/12/18 [illegible]

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:19
Control Test	0.048	12:20
Air Blank	0.000	12:20
Control Test	0.049	12:21
Air Blank	0.000	12:21
Control Test	0.048	12:22
Air Blank	0.000	12:23
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

[illegible]
Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.079	12:24
Air Blank	0.000	12:25
Control Test	0.080	12:26
Air Blank	0.000	12:26
Control Test	0.080	12:27
Air Blank	0.000	12:27
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

[illegible]
Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:29
Control Test	0.198	12:30
Air Blank	0.000	12:30
Control Test	0.201	12:31
Air Blank	0.000	12:32
Control Test	0.200	12:32
Air Blank	0.000	12:33
Control Test Stats		
Average	0.1997	
Std Dev	0.0015	
Rel Std Dev(%)	0.7650	

[illegible]
Operator's Signature

DGS

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
09/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:34
Control Test	0.079	12:34
Air Blank	0.000	12:35
Control Test	0.078	12:35
Air Blank	0.000	12:36
Control Test	0.079	12:36
Air Blank	0.000	12:36
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

SP

[illegible]
Operator's Signature

9/12/18

FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Lake County Sheriff's Office S/N 80-006222

Date In 01/30/2018 DI Completion Date 02/07/2018 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By TG

☑ 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

FEB 0 8 2018

Alcohol Testing Program

Quality Checks Performed By

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 243
☑ Flow Verification (L/s)
Flow Column # ATP 105
32 mm 0.175 (.139 - .169)
36 mm 0.191 (.156 - .190)
53 mm 0.265 (.228 - .278)
103 mm 0.543 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28427
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	G2835	201707D 07/25/2019
0.080	SD1013	201707E 07/25/2019
0.200	SD1025	201707C 07/24/2019
0.080 DGS	N/A	AG708807 03/29/2019

Flow Calibration Performed By

Flow Column # ATP 102
☑ 5L/min – 17mm
☑ 15L/min – 53mm
☑ 30L/min – 103mm
☑ R-Value 246
☑ Post Calibration Verification (L/s)
Flow Column # ATP 105
32 mm 0.160 (.139 - .169)
36 mm 0.179 (.156 - .190)
53 mm 0.250 (.228 - .278)
103 mm 0.503 (.447 - .547)

Maintenance Performed By

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

Temperature Checks Performed By

☑ Lab Temp °C 22.2
External Digital Therm. ID#: 300502
☑ 34°C +-.2 Serial #: G2835
☑ 34°C +-.2 Serial #: SD1013
☑ 34°C +-.2 Serial #: SD1025

Calibration Adjustment Performed By

Barometric Pressure Gauge ID #

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By

Barometric Pressure ID# 28427
Gauge 1021 Instrument 1022
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	G2880
Interferent	G2882
0.050	G2835
0.080	SD1013
0.200	SD1025

Attachments

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

Notes/Suggested Service: Please update the menu level 2 password to something unique. DMB 2/7/18

☑ **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**

2/8/18 2/8/18

Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKE COUNTY SO
Time of Inspection: 12:16
Date of Inspection: 02/07/2018
Serial Number: 80-006222
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#:AG708807 Exp: 03/29/2019
0.000	0.047	0.079	0.199	0.081
0.000	0.048	0.080	0.200	0.081
0.000	0.048	0.080	0.200	0.081
0.000	0.048	0.080	0.200	0.081
0.000	0.048	0.080	0.201	0.081
0.000	0.048	0.081	0.200	0.081
0.000	0.048	0.080	0.200	0.081
0.000	0.048	0.080	0.200	0.081
0.000	0.048	0.080	0.200	0.081
0.000	0.048	0.080	0.200	0.081

Standard Deviations	0.0003	0.0004	0.0004	0.0000

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.

Danielle M Bell

DANIELLE M BELL

Signature and Printed Name

02/07/2018
Date

2/8/18

FDLE/ATP Form 41 –Revised August 2005

Stability Checks #80-006222 Lake County Sheriff's Office 2/7/18

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
02/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:57
Control Test	0.049	09:58
Air Blank	0.000	09:58
Control Test	0.048	09:59
Air Blank	0.000	10:00
Control Test	0.048	10:00
Air Blank	0.000	10:01
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
02/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:03
Control Test	0.079	10:03
Air Blank	0.000	10:04
Control Test	0.079	10:05
Air Blank	0.000	10:05
Control Test	0.079	10:06
Air Blank	0.000	10:06
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
02/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:07
Control Test	0.198	10:08
Air Blank	0.000	10:08
Control Test	0.197	10:09
Air Blank	0.000	10:10
Control Test	0.198	10:10
Air Blank	0.000	10:11
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

Operator's Signature

DGS

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
02/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:14
Control Test	0.082	10:15
Air Blank	0.000	10:15
Control Test	0.081	10:15
Air Blank	0.000	10:16
Control Test	0.081	10:16
Air Blank	0.000	10:17
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

Operator's Signature

2/8/18

FDLE

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006222 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006222
Owning Agency:	LAKE COUNTY SO
Calibration Date:	02/07/2018
Calibration Time:	12:16

	UNCERTAINTY* ±
0.05 g/ 210 L	0.004
0.08 g/ 210 L	0.005
0.20 g/ 210 L	0.008
0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.
Bias is limited by Calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the Tartget Alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99% 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.

02/07/2018
Date

DANIELLE M BELL,
Department Inspector

2/8/18

Flow Calibration Adjustment
#80-006222
Lake County Sheriff's Office
2/7/18
KMB

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
02/07/2018
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.164
2: Rate (Liters/min) = 15
SQRT(Diff)) = 12.039
3: Rate (Liters/min) = 30
SQRT(Diff)) = 21.047
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 656
Rounded Intercept = -529462
Correlation = 0.95998

2/8/18

Return Material Authorization

Ship to: ☑ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Danielle Bell on 01/04/2018

Items Returned: Instrument ☑ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-006222

Bill To Address:	Ship to Address:
Lake County Sheriff's Office	Attn: Danielle Bell
32400 County Road 473	Florida Department of Law Enforcement
Leesburg, FL 34788	2331 Phillips Rd
	Tallahassee, FL 32308

Reason for Return:

Warranty return. Instrument was ~~repair~~ repaired in October/November of 2017. Spoke with the repair technician and determined instrument needed to return for further investigation regarding ambient and purge failing without cause. Original repair consisted of replacing parts to clear any cause for failures. Requesting reevaluation.

Please choose one of the following options:

☐ 1. I _____, authorize all repairs.

☐ 2. I _____, authorize repairs up to $_____.

☑ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Sandi Chessher

Phone #: (352) 343-2101 Email: Sandi.Chessher@lcso.org

ATP Contact Name: Danielle Bell ATP Email: DanielleBell@fdle.state.fl.us

FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Lake County Sheriff's Office S/N 80-006222

Date In 11/30/17 DI Completion Date 01/03/2018 ☐Ship ☐P/U ☐H/D ☑CMI ☐EE

Intake Performed By DMB

☑ 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

Quality Checks Performed By RDB

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 250
☑ Flow Verification (L/s)
Flow Column # ATP 102
32 mm 0.148 (.139 - .169)
36 mm 0.167 (.156 - .190)
53 mm 0.246 (.228 - .278)
103 mm 0.519 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 30793
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3962	201707D 07/25/2019
0.080	SD3964	201707E 07/25/2019
0.200	DR3856	201707C 07/24/2019
0.080 DGS	N/A	AG626604 09/22/2018

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 RDB

☑ Lab Temp °C 21.5
External Digital Therm. ID#: 300505
☑ 34°C +-.2 Serial #: SD3962
☑ 34°C +-.2 Serial #: SD3964
☑ 34°C +-.2 Serial #: DR3856

Calibration Adjustment Performed By

Barometric Pressure Gauge ID #

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By RDB

Barometric Pressure ID# 30793
Gauge 1017 Instrument 1018
Mouth Alcohol Solution Lot # 2016C
Acetone Stock Solution Lot # 2017A

Simulator	Serial Number
0.000	SD1019
Interferent	SD1021
0.050	SD3962
0.080	SD3964
0.200	DR3856

Attachments

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

Notes/Suggested Service: The unknown cause for the ambient fails during the Department Inspection cause concern for the suitability for use. Values are accurate; however, after consulting with CMI, suggest the instrument be returned to CMI for additional evaluation. DMB 1/4/18

☑ **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**

SP 1/4/18 SP 18 1/4/18

Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKE COUNTY SO
Time of Inspection: 14:59

Date of Inspection: 01/03/2018

Serial Number: 80-006222
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#:AG626604 Exp: 09/22/2018
/ 0.000	0.049	0.081	/ 0.197	/ 0.081
/ 0.000	0.049	0.081	/ 0.198	/ 0.081
/ 0.000	0.049	0.081	/ 0.199	/ 0.080
/ 0.000	0.049	0.081	/ 0.198	/ 0.081
/ 0.000	0.049	0.081	/ 0.198	/ 0.081
/ 0.000	0.049	0.081	/ 0.199	/ 0.080
/ 0.000	0.049	0.081	/ 0.198	/ 0.080
/ 0.000	0.049	0.081	/ 0.198	/ 0.081
/ 0.000	0.049	0.081	/ 0.198	/ 0.081
/ 0.000	0.049	0.081	/ 0.198	/ 0.081
Standard Deviations	0.0000	0.0000	/ 0.0005	/ 0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:
00: Ambient Fail CLEARED ROOM AIR. 20: Ambient Fail CLEARED ROOM AIR. 08: Ambient Fail CLEARED ROOM AIR.

SP

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.

DANIELLE M BELL
Signature and Printed Name

01/03/2018
Date

1/4/18

Stability Checks #80-006222 Lake County S.O. 1/3/18 DB

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
01/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:27
Control Test	0.049	12:28
Air Blank	0.000	12:29
Control Test	0.049	12:29
Air Blank	0.000	12:30
Control Test	0.049	12:30
Air Blank	0.000	12:31
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

1/4/18

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
01/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:32
Control Test	0.081	12:33
Air Blank	0.000	12:34
Control Test	0.081	12:34
Air Blank	0.000	12:35
Control Test	0.081	12:36
Air Blank	0.000	12:36
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
01/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:38
Control Test	0.198	12:38
Air Blank	0.000	12:39
Control Test	0.198	12:40
Air Blank	0.000	12:40
Control Test	0.198	12:41
Air Blank	0.000	12:41
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

DES

LAKE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006222
01/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:44
Control Test	0.081	12:44
Air Blank	0.000	12:44
Control Test	0.081	12:45
Air Blank	0.000	12:45
Control Test	0.081	12:46
Air Blank	0.000	12:46
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

FDLE

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006222 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006222
Owning Agency:	LAKE COUNTY SO
Calibration Date:	01/03/2018
Calibration Time:	14:59

	UNCERTAINTY* ±
0.05 g/ 210 L	0.004
0.08 g/ 210 L	0.005
0.20 g/ 210 L	0.008
0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.
Bias is limited by Calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the Tartget Alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99% 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.

01/03/2018
Date

DANIELLE M BELL,
Department Inspector

SP

8/14/18

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKE COUNTY SO
Time of Inspection: 11:22
Date of Inspection: 01/03/2018
Serial Number: 80-006222
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:
BYPASSED AI TO OPERATE INSTRUMENT. NOT A COMPLIANCE CHECK.

N/A Compliance not determined RBB

SP

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.

DANIELLE M BELL
Signature and Printed Name

01/03/2018
Date

1/4/18

FDLE/ATP Form 40 – March 2004