FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Lakeland PD S/N 80-003945

Date In 01/23/2019 DI Completion Date 01/24/2019 ☑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:

Final Release Date

FDLE

JAN 24 2019

Alcohol Testing Program

Quality Checks Performed By JD

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 211
☑ Flow Verification (L/s)
Flow Column # ATP-105
32 mm .160 (.139 - .169)
36 mm .175 (.156 - .190)
53 mm .246 (.228 - .278)
103 mm .523 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28421
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201707D
		07/25/2019
0.080	DR1279	201707E
		07/25/2019
0.200	DR3865	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 JD

☑ Lab Temp °C 21.5
External Digital Therm. ID#: 300504
☑ 34°C +-.2 Serial #: SD1012
☑ 34°C +-.2 Serial #: DR1279
☑ 34°C +-.2 Serial #: DR3856

Calibration Adjustment Performed By JD

Barometric Pressure Gauge 1011 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	SD1012	201707D	07/25/2019
0.080	DR1279	201707E	07/25/2019
0.200	DR3856	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By JD

Barometric Pressure ID# 28427
Gauge 1013 Instrument 1013
Mouth Alcohol Solution Lot # 2018-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G2408
Interferent	G2882
0.050	SD1012
0.080	DR1279
0.200	DR3856

Attachments

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

Notes/Suggested Service: Calibration adjustment needed due to barometric sensor not being within 1% of reference gauge reading during stability checks (Intox 995 / Gauge 1009).

☑ **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 1/24/19 Tech Review / Date

Brett Kirkland 1/24/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKELAND PD
Time of Inspection: 14:04
Date of Inspection: 01/24/2019
Serial Number: 80-003945
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	0.049	0.081	0.200	0.079
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.201	0.078
0.000	0.049	0.081	0.200	0.078
0.000	0.049	0.081	0.200	0.078
0.000	0.049	0.080	0.201	0.078
0.000	0.049	0.080	0.200	0.078
Standard Deviations	0.0000	0.0004	0.0004	0.0003

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

Remarks:

SP

BK
1/24/19

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.

JJ Graham

THOMAS J GRAHAM
Signature and Printed Name

01/24/2019
Date

FDLE/ATP Form 41 –Revised August 2005

80-003945

1/24/19

JD

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:21
Control Test	0.051	08:22
Air Blank	0.000	08:22
Control Test	0.051	08:23
Air Blank	0.000	08:23
Control Test	0.051	08:24
Air Blank	0.000	08:25

Control Test Stats

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

JD
Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:27
Control Test	0.080	08:28
Air Blank	0.000	08:29
Control Test	0.080	08:29
Air Blank	0.000	08:30
Control Test	0.080	08:31
Air Blank	0.000	08:31

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

JD
Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:38
Control Test	0.198	08:38
Air Blank	0.000	08:39
Control Test	0.199	08:40
Air Blank	0.000	08:40
Control Test	0.198	08:41
Air Blank	0.000	08:42

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

JD
Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:33
Control Test	0.079	08:33
Air Blank	0.000	08:34
Control Test	0.079	08:34
Air Blank	0.000	08:34
Control Test	0.079	09:35
Air Blank	0.000	08:35

Control Test Stats

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

DGS

JD
Operator's Signature

SP
BK
1/24/19

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 80-003945 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-003945
Owning Agency:	LAKELAND PD
Calibration Date:	01/24/2019
Calibration Time:	14:04

	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.

01/24/2019
Date

THOMAS J GRAHAM,
Department Inspector

SP
BK 1/24/19

80-003945
Calibration Adjustment
1/24/19
SP

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019 09:23:37

Auto Calibration
Max Power Res Value = 34
Auto Range Res Value = 18

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11603, 9um Io = 14069

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1180	(-0.0120)
Sample #2 =	0.1260	(0.0370)
Sample #3 =	0.1010	(0.0940)
Sample #4 =	0.1240	(0.1080)

Avg % Abs = 0.1170 (0.0797)
STD DEV = 0.0139 (0.0376)
REL STD DEV = 11.874 (47.206)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1430	(-0.0040)
Sample #2 =	0.1390	(0.0240)
Sample #3 =	0.1250	(0.0280)
Sample #4 =	0.1490	(0.0210)

Avg % Abs = 0.1377 (0.0243)
STD DEV = 0.0121 (0.0035)
REL STD DEV = 8.757 (14.432)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11584, 9um Io = 14062

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7240	(-0.0050)
Sample #2 =	0.7330	(0.0200)
Sample #3 =	0.7560	(0.0290)
Sample #4 =	0.7370	(0.0480)

Avg % Abs = 0.7420 (0.0323)
STD DEV = 0.0123 (0.0143)
REL STD DEV = 1.656 (44.210)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4860	(0.0070)
Sample #2 =	1.5020	(-0.0020)
Sample #3 =	1.5350	(-0.0070)
Sample #4 =	1.5090	(0.0070)

Avg % Abs = 1.5153 (-0.0007)
STD DEV = 0.0174 (0.0071)
REL STD DEV = 1.147 (1064.190)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11578, 9um Io = 14059

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7160	(-0.0040)
Sample #2 =	1.7460	(0.0150)
Sample #3 =	1.7160	(0.0450)
Sample #4 =	1.7260	(0.0380)

Avg % Abs = 1.7293 (0.0327)
STD DEV = 0.0153 (0.0157)
REL STD DEV = 0.883 (48.046)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5220	(-0.0050)
Sample #2 =	3.5400	(-0.0050)
Sample #3 =	3.5490	(-0.0070)
Sample #4 =	3.5400	(0.0090)

Avg % Abs = 3.5430 (-0.0010)
STD DEV = 0.0052 (0.0087)
REL STD DEV = 0.147 (871.780)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11571, 9um Io = 14057

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.2510	(-0.0110)
Sample #2 =	3.2760	(0.0080)
Sample #3 =	3.2710	(0.0130)
Sample #4 =	3.3090	(0.0090)

Avg % Abs = 3.2853 (0.0100)
STD DEV = 0.0206 (0.0025)
REL STD DEV = 0.628 (26.458)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.6450	(-0.0010)
Sample #2 =	6.6300	(0.0210)
Sample #3 =	6.6590	(0.0080)
Sample #4 =	6.6790	(0.0150)

Avg % Abs = 6.6560 (0.0147)
STD DEV = 0.0246 (0.0065)
REL STD DEV = 0.370 (44.362)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11568, 9um Io = 14055

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.6790	(-0.0110)
Sample #2 =	4.6760	(0.0370)
Sample #3 =	4.7490	(0.0220)
Sample #4 =	4.7900	(0.0330)

Avg % Abs = 4.7383 (0.0307)
STD DEV = 0.0577 (0.0078)
REL STD DEV = 1.219 (25.329)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.4540	(-0.0160)
Sample #2 =	9.5090	(0.0140)
Sample #3 =	9.5730	(0.0150)
Sample #4 =	9.6380	(0.0210)

Avg % Abs = 9.5733 (0.0167)
STD DEV = 0.0545 (0.0038)
REL STD DEV = 0.674 (22.716)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.117
Std Dev = 0.01 Rel Std Dev = 11.67
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.742
Std Dev = 0.01 Rel Std Dev = 1.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.729
Std Dev = 0.02 Rel Std Dev = 0.88
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.285
Std Dev = 0.02 Rel Std Dev = 0.63
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.738
Std Dev = 0.06 Rel Std Dev = 1.22
Zero Order Coef = -286.51
First Order Coef = 2829.08
Second Order Coef = 51.26
Standard Deviation = 44.138912

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.138
Std Dev = 0.01 Rel Std Dev = 8.76
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.515
Std Dev = 0.02 Rel Std Dev = 1.15
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.543
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.656
Std Dev = 0.02 Rel Std Dev = 0.37
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.573
Std Dev = 0.06 Rel Std Dev = 0.67
Zero Order Coef = -175.82
First Order Coef = 1332.14
Second Order Coef = 18.65
Standard Deviation = 13.546748

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0009
0.040	0.039	0.0013
0.100	0.100	0.0001
0.200	0.201	-0.0008
0.300	0.300	0.0003

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0004
0.100	0.100	-0.0003
0.200	0.200	0.0001
0.300	0.300	-0.0000

Sol Value = 0.000 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3123.00
Sample #2 = 3110.00
Sample #3 = 3094.00
Sample #4 = 3155.00
Average Result = 3119.6667
STD DEV = 31.6280
REL STD DEV = 1.014
****
***** CHANNEL 2
Sample #1 = 3364.00
Sample #2 = 3346.00
Sample #3 = 3376.00
Sample #4 = 3361.00
Average Result = 3361.0000
STD DEV = 15.0000
REL STD DEV = 0.446
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1011
3 um H20 Adjust (mg/l*10,000) = 592
9 um H20 Adjust (mg/l*10,000) = 448
**** AUTO CAL PASS

SP BK, 1/24/19

80-003945
Post Stability Checks
1/24/19
JD

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:11
Control Test	0.050	10:12
Air Blank	0.000	10:12
Control Test	0.050	10:13
Air Blank	0.000	10:14
Control Test	0.050	10:14
Air Blank	0.000	10:15

Control Test Stats

Average	0.0500
Std Dev	0.0000
Rel Std Dev(%)	0.0000

JD
Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:16
Control Test	0.080	10:17
Air Blank	0.000	10:17
Control Test	0.079	10:18
Air Blank	0.000	10:18
Control Test	0.080	10:19
Air Blank	0.000	10:20

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

JD
Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:21
Control Test	0.202	10:22
Air Blank	0.000	10:22
Control Test	0.201	10:23
Air Blank	0.000	10:24
Control Test	0.201	10:24
Air Blank	0.000	10:25

Control Test Stats

Average	0.2013
Std Dev	0.0006
Rel Std Dev(%)	0.2868

JD
Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003945
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:26
Control Test	0.079	10:26
Air Blank	0.000	10:27
Control Test	0.079	10:27
Air Blank	0.000	10:27
Control Test	0.079	10:28
Air Blank	0.000	10:28

Control Test Stats

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

DGS

JD
Operator's Signature

SP
BK
1/24/19