



INSTRUMENT PROCESSING SHEET

Agency Lakeland PDS/N 80-005810

Florida Department of Law Enforcement

Date In 01/23/2019 DI Completion Date 01/24/2019 Ship P/U H/D CMI EE

Intake Performed By <u>SQC</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____	Quality Checks Performed By <u>JB</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>220</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.171</u> (.156 - .190) 53 mm <u>.253</u> (.228 - .278) 103 mm <u>.542</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28421</u> <input checked="" type="checkbox"/> Stability Checks	Flow Calibration Performed By _____ Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																								
Final Release Date FDLE JAN 24 2019 Alcohol Testing Program	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>SD1012</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>DR1279</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>DR3856</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701 02/26/2020</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	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	Maintenance Performed By <u>JB</u> <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input checked="" type="checkbox"/> Other <u>Replaced printer paper</u>																									
Simulator	Serial #	Lot #/Exp																																								
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																																								
Calibration Adjustment Performed By <u>JD</u> Barometric Pressure Gauge <u>1011</u> ID # <u>28662</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>G2834</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td>SD1022</td> <td>17410</td> <td>12/06/2019</td> </tr> <tr> <td>0.100</td> <td>SD3964</td> <td>18070</td> <td>02/26/2020</td> </tr> <tr> <td>0.200</td> <td>SD1025</td> <td>17340</td> <td>10/09/2019</td> </tr> <tr> <td>0.300</td> <td>SD1024</td> <td>18110</td> <td>04/02/2020</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>17817080A2</td> <td>08/05/2019</td> </tr> </tbody> </table> <input checked="" type="checkbox"/> Post Calibration Adjustment Stability Checks	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	Department Inspection Performed By <u>JD</u> Barometric Pressure ID# <u>28427</u> Gauge <u>1013</u> Instrument <u>1013</u> Mouth Alcohol Solution Lot # <u>2018-B</u> Acetone Stock Solution Lot # <u>2018-A</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>G2408</td> </tr> <tr> <td>Interferent</td> <td>G2882</td> </tr> <tr> <td>0.050</td> <td>SD1012</td> </tr> <tr> <td>0.080</td> <td>DR1279</td> </tr> <tr> <td>0.200</td> <td>DR3856</td> </tr> </tbody> </table>	Simulator	Serial Number	0.000	G2408	Interferent	G2882	0.050	SD1012	0.080	DR1279	0.200	DR3856	Temperature Checks Performed By <u>JB</u> <input checked="" type="checkbox"/> Lab Temp °C <u>21.5</u> External Digital Therm. ID#: <u>300504</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1012</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>DR1279</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>DR3856</u>
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																																							
Simulator	Serial Number																																									
0.000	G2408																																									
Interferent	G2882																																									
0.050	SD1012																																									
0.080	DR1279																																									
0.200	DR3856																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>SD1012</td> <td>201707D</td> <td>07/25/2019</td> </tr> <tr> <td>0.080</td> <td>DR1279</td> <td>201707E</td> <td>07/25/2019</td> </tr> <tr> <td>0.200</td> <td>DR3856</td> <td>201707C</td> <td>07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701</td> <td>02/26/2020</td> </tr> </tbody> </table>	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	Attachments <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Post-Stability Checks <input checked="" type="checkbox"/> Stability Checks <input type="checkbox"/> Flow Calibration <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Form 40 <input checked="" type="checkbox"/> Calibration Adjustment <input type="checkbox"/> Other _____	Notes/Suggested Service: <u>Calibration adjustment conducted to bring values closer to nominal.</u> _____ _____ _____ _____	<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use <u>SP 1/24/19</u> <u>Beth Kirkland 1/24/19</u> Tech Review / Date Admin Review / Date																			
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																																							

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKELAND PD

Serial Number: 80-005810

Time of Inspection: 14:18

Date of Inspection: 01/24/2019

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	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.201	0.078
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.200	0.078
0.000	0.050	0.080	0.201	0.078
0.000	0.050	0.080	0.200	0.078
0.000	0.050	0.079	0.201	0.078

Standard Deviations	0.0004	0.0004	0.0005	0.0005
---------------------	--------	--------	--------	--------

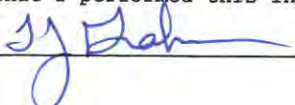
Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

SP BK 1/24/19

The above instrument complies () 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.



 Signature and Printed Name THOMAS J GRAHAM

01/24/2019
 Date

80-005810

1/24/19
JD

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:28
Control Test	0.049	08:28
Air Blank	0.000	08:29
Control Test	0.050	08:30
Air Blank	0.000	08:30
Control Test	0.049	08:31
Air Blank	0.000	08:31
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

JD

Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:22
Control Test	0.079	08:23
Air Blank	0.000	08:23
Control Test	0.079	08:24
Air Blank	0.000	08:24
Control Test	0.078	08:25
Air Blank	0.000	08:26
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

JD

Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:33
Control Test	0.194	08:33
Air Blank	0.000	08:34
Control Test	0.193	08:35
Air Blank	0.000	08:35
Control Test	0.193	08:36
Air Blank	0.000	08:37
Control Test Stats		
Average	0.1933	
Std Dev	0.0006	
Rel Std Dev(%)	0.2986	

JD

Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005810
01/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:38
Control Test	0.076	08:38
Air Blank	0.000	08:39
Control Test	0.077	08:39
Air Blank	0.000	08:40
Control Test	0.076	08:40
Air Blank	0.000	08:40
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

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 80-005810, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-005810</u>	UNCERTAINTY* ±	
Owning Agency:	<u>LAKELAND PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/24/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:18</u>	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.

01/24/2019 Date
Thomas J. Graham
THOMAS J GRAHAM,
Department Inspector

sf BK 1/24/19

80-005810
1/24/19
SD

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model: 8000
01/24/2019

SD
SN 80-005810
09:24:25

Auto Calibration
Max Power Res Value = 31
Auto Range Res Value = 15

**** AUTO CAL FAIL

I entered an incorrect value
for calibration adjustment solution # 2.
I entered 0.100 instead of 0.040.
I aborted the calibration adjustment
sequence and started over.

1/24/19
SD

SD
1/24/19

80-005810 Calibration Adjustment

1/24/19
JD

Low Flow PM

Intelligence - Alcon Analyser

01/24/2019 09:30:29
DU-U05810

Auto Calibration
Max Power Res Value = 31
Auto Range Res Value = 15

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5230 (-0.0350)
Sample #2 = 1.4480 (-0.0100)
Sample #3 = 1.4490 (0.0100)
Sample #4 = 1.4910 (-0.0170)
Aug % Abs = 1.4627 (-0.0057)
STD DEV = 0.0245 (0.0140)
REL STD DEV = 1.678 (247.269)

SoI Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12635, Sum Io = 13970
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.7770 (-0.0110)
Sample #2 = 1.7750 (0.0050)
Sample #3 = 1.7650 (0.0150)
Sample #4 = 1.7520 (0.0440)
Aug % Abs = 1.7640 (0.0213)
STD DEV = 0.0115 (0.0203)
REL STD DEV = 0.654 (94.953)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.4640 (-0.0240)
Sample #2 = 3.4050 (0.0160)
Sample #3 = 3.4280 (0.0070)
Sample #4 = 3.4290 (0.0080)
Aug % Abs = 3.4207 (0.0103)
STD DEV = 0.0136 (0.0049)
REL STD DEV = 0.397 (47.738)
SoI Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12631, Sum Io = 13969

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.4120 (-0.0190)
Sample #2 = 3.3410 (0.0150)
Sample #3 = 3.3610 (0.0190)
Sample #4 = 3.3730 (0.0230)
Aug % Abs = 3.3583 (0.0190)
STD DEV = 0.0162 (0.0040)
REL STD DEV = 0.481 (21.053)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.4940 (-0.0120)
Sample #2 = 6.4620 (0.0160)
Sample #3 = 6.4530 (0.0290)
Sample #4 = 6.4500 (0.0280)
Aug % Abs = 6.4550 (0.0243)
STD DEV = 0.0062 (0.0072)
REL STD DEV = 0.097 (29.729)

SoI Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12624, Sum Io = 13968
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 4.9330 (-0.0120)
Sample #2 = 4.8990 (0.0280)
Sample #3 = 4.9250 (0.0100)
Sample #4 = 4.9580 (0.0320)
Aug % Abs = 4.9273 (0.0233)
STD DEV = 0.0296 (0.0117)
REL STD DEV = 0.600 (50.224)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.4420 (0.0000)
Sample #2 = 9.3810 (0.0540)
Sample #3 = 9.3930 (0.0640)
Sample #4 = 9.4280 (0.0790)
Aug % Abs = 9.4007 (0.0657)
STD DEV = 0.0244 (0.0126)
REL STD DEV = 0.260 (19.162)

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0002
0.040 0.040 0.0002
0.100 0.101 -0.0010
0.200 0.199 0.0009
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 0.0003
0.040 0.040 -0.0001
0.100 0.101 -0.0007
0.200 0.199 0.0008
0.300 0.300 -0.0003

SoI Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

***** CHANNEL 1
Sample #1 = 3400.00
Sample #2 = 3309.00
Sample #3 = 3365.00
Sample #4 = 3342.00
Average Result = 3338.6667
REL STD DEV = 0.843

***** CHANNEL 2
Sample #1 = 3417.00
Sample #2 = 3413.00
Sample #3 = 3448.00
Sample #4 = 3407.00
Average Result = 3422.6667
REL STD DEV = 0.647

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mg/l*10,000) = 471
9 um H2O Adjust (mg/l*10,000) = 367
***** AUTO CAL PASS

88 BK 1/24/19

Standard Deviation = 26.448427

80-005810

Post Stability Checks

1/24/19

JD

LAKELAND PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005810
 01/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:17
Control Test	0.050	10:17
Air Blank	0.000	10:18
Control Test	0.050	10:19
Air Blank	0.000	10:19
Control Test	0.050	10:20
Air Blank	0.000	10:20
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 80-005810
 01/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:12
Control Test	0.081	10:13
Air Blank	0.000	10:13
Control Test	0.081	10:14
Air Blank	0.000	10:15
Control Test	0.080	10:15
Air Blank	0.000	10:16
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

JD

Operator's Signature

LAKELAND PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005810
 01/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:26
Control Test	0.201	10:27
Air Blank	0.000	10:27
Control Test	0.201	10:28
Air Blank	0.000	10:29
Control Test	0.201	10:29
Air Blank	0.000	10:30
Control Test Stats		
Average	0.2010	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

JD

Operator's Signature

LAKELAND PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005810
 01/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:22
Control Test	0.079	10:22
Air Blank	0.000	10:23
Control Test	0.079	10:23
Air Blank	0.000	10:24
Control Test	0.080	10:24
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

JD

Operator's Signature

SP BK 1/24/19