FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Lakeland Police Department S/N 80-001865

Date In 07/02/2018 DI Completion Date 07/03/2018 ☑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:

Quality Checks Performed By DMB

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 218
☑ Flow Verification (L/s)
Flow Column # ATP 105
32 mm 0.156 (.139 - .169)
36 mm 0.175 (.156 - .190)
53 mm 0.250 (.228 - .278)
103 mm 0.523 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28662
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201707D 07/25/2019
0.080	SD3962	201707E 07/25/2019
0.200	G2078	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 DMB

☑ Lab Temp °C 22.0
External Digital Therm. ID#: 300505
☑ 34°C +-.2 Serial #: SD1018
☑ 34°C +-.2 Serial #: SD3962
☑ 34°C +-.2 Serial #: G2078

Final Release Date

FDLE

JUL 03 2018

Alcohol Testing Program

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 DMB

Barometric Pressure ID# 28662
Gauge 1017 Instrument 1015
Mouth Alcohol Solution Lot # 2017-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G4444
Interferent	G6621
0.050	SD1018
0.080	SD3962
0.200	G2078

Attachments

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

Notes/Suggested Service: Please remember to change the level 2 menu password to something unique.
DMB 7/3/18

☑ **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**

7/3/18 Tech Review / Date
7/3/18 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LAKELAND PD
Time of Inspection: 10:52
Date of Inspection: 07/03/2018
Serial Number: 80-001865
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	0.198	0.078
0.000	0.050	0.082	0.198	0.078
0.000	0.050	0.082	0.199	0.078
0.000	0.051	0.082	0.199	0.077
0.000	0.050	0.082	0.199	0.077
0.000	0.051	0.082	0.200	0.078
0.000	0.051	0.082	0.199	0.078
0.000	0.051	0.082	0.200	0.077
0.000	0.050	0.081	0.200	0.078
0.000	0.050	0.081	0.200	0.078

Standard Deviations	0.0005	0.0004	0.0007	0.0004

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

Remarks:

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

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

Danielle M Bell

DANIELLE M BELL

Signature and Printed Name

07/03/2018

Date

7/3/18

Stability Checks #80-001865 Lakeland P.D. 7/3/18

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:33
Control Test	0.050	08:34
Air Blank	0.000	08:34
Control Test	0.050	08:35
Air Blank	0.000	08:36
Control Test	0.050	08:36
Air Blank	0.000	08:37
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:38
Control Test	0.081	08:39
Air Blank	0.000	08:39
Control Test	0.080	08:40
Air Blank	0.000	08:40
Control Test	0.081	08:41
Air Blank	0.000	08:42
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:43
Control Test	0.198	08:44
Air Blank	0.000	08:44
Control Test	0.198	08:45
Air Blank	0.000	08:46
Control Test	0.198	08:46
Air Blank	0.000	08:47
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

DGS

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:23
Control Test	0.078	08:23
Air Blank	0.000	08:24
Control Test	0.078	08:24
Air Blank	0.000	08:25
Control Test	0.078	08:25
Air Blank	0.000	08:25
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

DGS 7/3/18

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 80-001865, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001865		UNCERTAINTY* ±
Owning Agency:	LAKELAND PD	0.050 g/ 210 L	0.004
Calibration Date:	07/03/2018	0.080 g/ 210 L	0.005
Calibration Time:	10:52	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% 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.

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07/03/2018
Date

DANIELLE M BELL,
Department Inspector

DG 7/3/18

Return Material Authorization

Ship to: ☐ CMI, Inc.

☑ Enforcement Electronics

Shipment to repair facility authorized by: Gordon Franz on 04/10/2018

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

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001865

Bill To Address:	Ship to Address:
Lakeland Police Department	FDLE Off-Site Mail Facility
219 North Massachusetts Avenue	c/o Florida Department of Law Enforcemen
Lakeland, FL 33801-4972	Alcohol Testing Program - Attn: Danielle Be
	813-B Lake Bradford Road
	Tallahassee, FL 32304

Reason for Return:

See attached Optical Bench Calibration Adjustments. DVMs are jumping and will not remain low or stable. Please inspect, repair, and calibrate.

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: Gordon Franz

Phone #: (813) 834-2560 Email: Gordon.Franz@lakelandgov.net

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

4/11/18

FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Lakeland Police Department S/N 80-001865

Date In 03/22/2018 DI Completion Date _____ ☐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 DMB

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 222
☑ Flow Verification (L/s)
Flow Column # ATP 103
32 mm 0.152 (.139 - .169)
36 mm 0.171 (.156 - .190)
53 mm 0.238 (.228 - .278)
103 mm 0.496 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28662
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	G11739	201707D 07/25/2019
0.080	SD3964	201707E 07/25/2019
0.200	DR3856	201707C 07/24/2019
0.080 DGS	N/A	AG805702 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 _____

☐ Lab Temp °C _____
External Digital Therm. ID#: _____
☐ 34°C +-.2 Serial #: _____
☐ 34°C +-.2 Serial #: _____
☐ 34°C +-.2 Serial #: _____

Calibration Adjustment Performed By DMB

Barometric Pressure Gauge 1017 x 3 ID # 28427 x 3

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	16320	10/21/2018
0.100	G2879	17280	09/11/2019
0.200	G3709	17090	02/24/2019
0.300	G8149	17140	05/15/2019
0.080 DGS	N/A	22817080A5	10/05/2019

☐ 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# _____
Gauge _____ Instrument _____
Mouth Alcohol Solution Lot # _____
Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.000	
Interferent	
0.050	
0.080	
0.200	

Attachments

☐ Form 41
☑ Stability Checks
☐ Calibration Certificate
☑ Calibration Adjustment x 3
☐ Post-Stability Checks
☐ Flow Calibration
☐ Form 40
☐ Other _____

Notes/Suggested Service: Performed 3 optical bench calibration adjustments to bring values closer to nominal. All adjustments were completed using the same simulators and solution. DVMs bouncing and indicate issue with source. DMB 04/10/18

☐ **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**

4/10/18 — Tech Review / Date

4/11/18 — Admin Review / Date

Stability Checks #80-001865 Lakeland Police Dept. 4/3/18 RDS

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
04/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:03
Control Test	0.049	11:03
Air Blank	0.000	11:04
Control Test	0.050	11:04
Air Blank	0.000	11:05
Control Test	0.049	11:06
Air Blank	0.000	11:06
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

RDS
Operator's Signature

4/11/18

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
04/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:08
Control Test	0.081	11:08
Air Blank	0.000	11:09
Control Test	0.081	11:09
Air Blank	0.000	11:10
Control Test	0.081	11:11
Air Blank	0.000	11:11
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

RDS
Operator's Signature

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
04/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:12
Control Test	0.199	11:13
Air Blank	0.000	11:14
Control Test	0.197	11:14
Air Blank	0.000	11:15
Control Test	0.197	11:15
Air Blank	0.000	11:16
Control Test Stats		
Average	0.1977	
Std Dev	0.0012	
Rel Std Dev(%)	0.5842	

RDS
Operator's Signature

DGS

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
04/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.077	11:18
Air Blank	0.000	11:19
Control Test	0.078	11:19
Air Blank	0.000	11:20
Control Test	0.078	11:20
Air Blank	0.000	11:21
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

RDS
Operator's Signature

Optical Bench Calibration Adjustment Data # 80-001865 Lakeland P.D. 4/10/18

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
04/10/2018 13:43:59

Auto Calibration
Max Power Res Value = 68
Auto Range Res Value = 77

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12489, 9um Io = 13227

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.2630	(-0.1620)
Sample #2 =	0.0550	(-0.2010)
Sample #3 =	0.3950	(-0.3470)
Sample #4 =	-0.0330	(0.1710)
Avg % Abs =	0.1390	(-0.1257)
STD DEV =	0.2260	(0.2671)
REL STD DEV =	162.609	(212.539)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.2310	(-0.0910)
Sample #2 =	0.1170	(-0.0830)
Sample #3 =	0.3040	(-0.1840)
Sample #4 =	0.0520	(0.1160)
Avg % Abs =	0.1577	(-0.0503)
STD DEV =	0.1308	(0.1526)
REL STD DEV =	82.978	(303.267)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12494, 9um Io = 13227

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7680	(0.0740)
Sample #2 =	0.8040	(1.9410)
Sample #3 =	0.7810	(1.8600)
Sample #4 =	0.8750	(1.8640)
Avg % Abs =	0.8200	(1.8883)
STD DEV =	0.0490	(0.0457)
REL STD DEV =	5.976	(2.418)

4/11/18

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0200	(0.0000)
Sample #2 =	1.5120	(0.9390)
Sample #3 =	1.5250	(0.8960)
Sample #4 =	1.5880	(0.8790)
Avg % Abs =	1.5417	(0.9047)
STD DEV =	0.0406	(0.0309)
REL STD DEV =	2.637	(3.418)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12221, 9um Io = 13085

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.5260	(0.0520)
Sample #2 =	-1.0950	(-0.8190)
Sample #3 =	0.9730	(-2.7130)
Sample #4 =	1.2070	(-2.7610)
Avg % Abs =	0.3617	(-2.0977)
STD DEV =	1.2669	(1.1076)
REL STD DEV =	350.302	(52.802)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.3660	(0.0500)
Sample #2 =	0.5960	(-0.3830)
Sample #3 =	1.6050	(-1.2930)
Sample #4 =	1.7740	(-1.3340)
Avg % Abs =	1.3250	(-1.0033)
STD DEV =	0.6370	(0.5376)
REL STD DEV =	48.073	(53.583)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12585, 9um Io = 13270

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.2870	(0.1820)
Sample #2 =	0.9120	(0.5860)
Sample #3 =	0.6050	(1.1160)
Sample #4 =	0.7200	(0.8840)
Avg % Abs =	0.7457	(0.8620)
STD DEV =	0.1551	(0.2657)
REL STD DEV =	20.800	(30.822)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7620	(0.0840)
Sample #2 =	1.5660	(0.2920)
Sample #3 =	1.4150	(0.5540)
Sample #4 =	1.5090	(0.4090)
Avg % Abs =	1.4967	(0.4183)
STD DEV =	0.0763	(0.1312)
REL STD DEV =	5.095	(31.374)

**** AUTO CAL FAIL

Optical Bench Calibration Adjustment #2 Data #80-001865 Lakeland P.D. 4/10/18

```
LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-001865
04/10/2018                        14:12:57

Auto Calibration
Max Power Res Value = 66
Auto Range Res Value = 70

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12220, 9um Io = 13079
     <<<<< CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  0.1080     (-0.1730)
Sample #2 =  0.2340     (-0.3150)
Sample #3 =  0.3660     (-0.5920)
Sample #4 = -0.0860     (1.2610)
Avg % Abs = 0.1713  (0.1180)
STD DEV =  0.2324  (0.9995)
REL STD DEV = 135.657  (847.042)
     -------------------

     <<<<< CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  0.1330     (-0.0720)
Sample #2 =  0.2290     (-0.1640)
Sample #3 =  0.2760     (-0.3060)
Sample #4 =  0.0320     (0.6220)
Avg % Abs = 0.1790  (0.0507)
STD DEV =  0.1295  (0.4999)
REL STD DEV = 72.322  (986.561)
     -------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12051, 9um Io = 12991
     <<<<< CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  0.8900     (0.1160)
Sample #2 =  0.8150     (0.2770)
Sample #3 =  0.8180     (0.2440)
Sample #4 =  0.8280     (0.3690)
Avg % Abs = 0.8203  (0.2967)
STD DEV =  0.0068  (0.0648)
REL STD DEV = 0.830  (21.836)
     -------------------

     <<<<< CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  1.4930     (0.0870)
Sample #2 =  1.5330     (0.1540)
Sample #3 =  1.5380     (0.1400)
Sample #4 =  1.5280     (0.2290)
Avg % Abs = 1.5330  (0.1743)
STD DEV =  0.0050  (0.0479)
REL STD DEV = 0.326  (27.452)
     -------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12004, 9um Io = 12962
     <<<<< CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  2.1280     (0.0710)
Sample #2 =  2.0910     (-0.0010)
Sample #3 =  1.9840     (0.4370)
Sample #4 =  3.7290     (-1.2890)
Avg % Abs = 2.6013  (-0.2843)
STD DEV =  0.9781  (0.8972)
REL STD DEV = 37.598  (315.547)
     -------------------

     <<<<< CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  3.5710     (0.0410)
Sample #2 =  3.6750     (-0.0040)
Sample #3 =  3.5820     (0.2100)
Sample #4 =  4.4760     (-0.5710)
Avg % Abs = 3.9110  (-0.1550)
STD DEV =  0.4915  (0.4595)
REL STD DEV = 12.567  (296.452)
     -------------------

**** AUTO CAL FAIL
```

4/11/18

Optical Bench Calibration Adjustment #3 Data #80-001865 Lakeland P.D. 4/10/18 RMB

LAKELAND PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001865
04/10/2018 14:43:30

Auto Calibration
Max Power Res Value = 67
Auto Range Res Value = 73

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12544, 9um Io = 13243

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0380	(0.1900)
Sample #2 =	0.2640	(0.0700)
Sample #3 =	0.1420	(0.0140)
Sample #4 =	-0.0790	(-0.0640)
Avg % Abs =	0.1090	(0.0067)
STD DEV =	0.1739	(0.0673)
REL STD DEV =	159.509	(1009.505)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1240	(0.1040)
Sample #2 =	0.2320	(0.0320)
Sample #3 =	0.1390	(0.0210)
Sample #4 =	0.0620	(-0.0620)
Avg % Abs =	0.1443	(-0.0030)
STD DEV =	0.0851	(0.0514)
REL STD DEV =	58.978	(1713.022)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12472, 9um Io = 13207

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7220	(-0.1480)
Sample #2 =	0.8870	(-0.1850)
Sample #3 =	0.5230	(-0.3070)
Sample #4 =	0.5560	(-0.0410)
Avg % Abs =	0.6553	(-0.1777)
STD DEV =	0.2013	(0.1332)
REL STD DEV =	30.718	(74.945)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4670	(-0.0570)
Sample #2 =	1.5330	(-0.0830)
Sample #3 =	1.3610	(-0.1580)
Sample #4 =	1.3880	(-0.0210)
Avg % Abs =	1.4273	(-0.0873)
STD DEV =	0.0925	(0.0686)
REL STD DEV =	6.481	(78.553)

**** AUTO CAL FAIL

4/11/18