INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Indiatlantic Police Department S/N 80-001006

Date In 08/01/2022 DI Completion Date 08/02/2022 ■Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake 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:

Quality Checks By DERR Date 8/2/2022

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 194
- ■ Flow Verification (L/s)

Flow Column # ATP101

32 mm 0.164 (.139 - .169)
36 mm 0.183 (.156 - .190)
53 mm 0.246 (.228 - .278)
103 mm 0.539 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 28199

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	202201C
		01/11/2024
0.080	MP5093	202201D
		01/18/2024
0.200	MP5094	202201E
		01/18/2024
0.080 DGS	N/A	00521080A2
		02/05/2023

Flow Calibration By Date

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 By

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

Calibration Adjustment By DERR

Barometric Pressure Gauge 1019 ID # 68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5099	N/A	N/A
0.040	MP5096	21070	03/01/2023
0.100	MP5098	21080	03/08/2023
0.200	MP5100	20510	12/03/2022
0.300	MP5101	21030	02/02/2023
0.080 DGS	N/A	AG115904	06/08/2023

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5092	202201C	01/11/2024
0.080	MP5093	202201D	01/18/2024
0.200	MP5094	202201E	01/18/2024
0.080 DGS	N/A	00521080A2	02/05/2023

Department Inspection By DERR

Barometric Pressure ID# 26932

Gauge 1019 Instrument 1019

Mouth Alcohol Solution Lot # 2021-D

Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	MP5095
Interferent	MP5097
0.050	MP5092
0.080	MP5093
0.200	MP5094

Attachments

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

Notes/Suggested Service: Instrument was calibrated to to bring values closer to nominal. During the first optical calibration data entry the 0.040 value was ommitted during data entry, so the calibration was aborted and started over from the beginning. DERR

- ■ **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**

Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2022.08.02 14:21:25 -04'00'

Tech Review / Date

2022.08.04 13:43:26 -04'00'

Admin Review / Date

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 80-001006 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001006
Owning Agency:	INDIALANTIC P.D.
Calibration Date:	08/02/2022
Calibration Time:	13:28

	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).
The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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

Dry gas control measurements are traceable to NIST through the use 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.

08/02/2022
Date

DAVID E REYES-RIVERA,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: INDIALANTIC P.D.
Time of Inspection: 13:28
Date of Inspection: 08/02/2022
Serial Number: 80-001006
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:00521080A2 Exp: 02/05/2023
0.000	0.050	0.078	0.200	0.079
0.000	0.050	0.078	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.049	0.078	0.201	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.078

Standard Deviations	0.0005	0.0004	0.0003	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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

08/02/2022
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-001006	Indiatlantic Police Department	8/2/2022	DERR

0.05g/210L ✓

0.047 to 0.053

INDIALANTIC P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8.00.27

Test	g/210L	Time
Air Blank	0.000	11:37
Control Test	0.049	11:38
Air Blank	0.000	11:38
Control Test	0.049	11:39
Air Blank	0.000	11:39
Control Test	0.049	11:40
Air Blank	0.000	11:41

Control Test Stats

Average	0.0490
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

0.08g/210L ✓

0.077 to 0.083

INDIALANTIC P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8.00.27

Test	g/210L	Time
Air Blank	0.000	11:41
Control Test	0.078	11:42
Air Blank	0.000	11:43
Control Test	0.077	11:43
Air Blank	0.000	11:44
Control Test	0.078	11:45
Air Blank	0.000	11:45

Control Test Stats

Average	0.0777
Std Dev	0.0006
Rel Std Dev(%)	0.7434

Operator's Signature

0.20g/210L ✓

0.194 to 0.206

INDIALANTIC P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8.00.27

Test	g/210L	Time
Air Blank	0.000	11:46
Control Test	0.200	11:47
Air Blank	0.000	11:47
Control Test	0.196	11:48
Air Blank	0.000	11:49
Control Test	0.197	11:49
Air Blank	0.000	11:50

Control Test Stats

Average	0.1987
Std Dev	0.0015
Rel Std Dev(%)	0.7689

Operator's Signature

DGS 0.08g/210L ✓

0.077 to 0.083

INDIALANTIC P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8.00.27

Test	g/210L	Time
Air Blank	0.000	11:51
Control Test	0.079	11:51
Air Blank	0.000	11:52
Control Test	0.080	11:52
Air Blank	0.000	11:53
Control Test	0.079	11:53
Air Blank	0.000	11:53

Control Test Stats

Average	0.0793
Std Dev	0.0006
Rel Std Dev(%)	0.7277

Operator's Signature

INDIATLANTIC P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001006
08/02/2022 10:48:32

Auto Calibration
Max Power Res Value = 116
Auto Range Res Value = 85

Sol Value = 0.000 g/210L ***
Fit value = 0.0009 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12667, 9um Io = 13346

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1220	(-0.0130)
Sample #2 =	0.1290	(-0.0060)
Sample #3 =	0.1290	(0.0280)
Sample #4 =	0.1030	(0.0390)

Avg % Abs = 0.1207 (0.0205)
STD DEV = 0.0150 (0.0235)
REL STD DEV = 12.495 (115.373)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1060	(-0.0090)
Sample #2 =	0.1020	(-0.0260)
Sample #3 =	0.1170	(0.0070)
Sample #4 =	0.0990	(0.0000)

Avg % Abs = 0.1060 (-0.0063)
STD DEV = 0.0096 (0.0174)
REL STD DEV = 9.098 (274.543)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12662, 9um Io = 13346

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8930	(-0.0120)
Sample #2 =	0.8870	(0.0260)
Sample #3 =	0.8730	(0.0130)
Sample #4 =	0.8730	(0.0190)

Avg % Abs = 0.8777 (0.0193)
STD DEV = 0.0081 (0.0065)
REL STD DEV = 0.921 (33.654)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5470	(-0.0170)
Sample #2 =	1.5060	(0.0150)
Sample #3 =	1.4860	(0.0320)
Sample #4 =	1.4870	(0.0260)

Avg % Abs = 1.4930 (0.0243)
STD DEV = 0.0113 (0.0086)
REL STD DEV = 0.755 (35.432)

Sol Value = 0.100 g/210L ***
Fit value = 0.4752 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12655, 9um Io = 13341

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0090	(-0.0130)
Sample #2 =	1.9410	(0.0260)
Sample #3 =	1.9360	(0.0360)
Sample #4 =	1.9580	(0.0430)

Avg % Abs = 1.9360 (0.0350)
STD DEV = 0.0115 (0.0085)
REL STD DEV = 0.593 (24.411)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5840	(-0.0170)
Sample #2 =	3.5250	(0.0290)
Sample #3 =	3.5130	(0.0340)
Sample #4 =	3.4910	(0.0580)

Avg % Abs = 3.5097 (0.1403)
STD DEV = 0.0172 (0.0155)
REL STD DEV = 0.491 (38.436)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12653, 9um Io = 13341

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8140	(-0.0150)
Sample #2 =	3.7380	(0.0470)
Sample #3 =	3.7450	(0.0560)
Sample #4 =	3.7500	(0.0350)

Avg % Abs = 3.7443 (0.0466)
STD DEV = 0.0060 (0.0105)
REL STD DEV = 0.161 (22.564)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8510	(0.0920)
Sample #2 =	6.7530	(0.0920)
Sample #3 =	6.7640	(0.0940)
Sample #4 =	6.7430	(0.1080)

Avg % Abs = 6.7533 (0.0965)
STD DEV = 0.0105 (0.0087)
REL STD DEV = 0.156 (8.896)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12653, 9um Io = 13338

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5360	(0.0040)
Sample #2 =	5.4470	(0.0770)
Sample #3 =	5.4330	(0.1090)
Sample #4 =	5.4570	(0.0910)

Avg % Abs = 5.4457 (0.0923)
STD DEV = 0.0121 (0.0160)
REL STD DEV = 0.221 (17.374)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9010	(0.0100)
Sample #2 =	9.8120	(0.1240)
Sample #3 =	9.7740	(0.1520)
Sample #4 =	9.7510	(0.1680)

Avg % Abs = 9.7790 (0.1453)
STD DEV = 0.0308 (0.0189)
REL STD DEV = 0.315 (13.007)

Optical Calibration 2
SN: 80-001006
Agency: Indiatlantic PD
Date: 8/2/2022
Quadratic Fit: +/- 0.002g/210L
By: DERR

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.120
Std Dev = 0.02 Rel Std Dev = 12.47
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.878
Std Dev = 0.01 Rel Std Dev = 0.92
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.945
Std Dev = 0.01 Rel Std Dev = 0.59
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.744
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.446
Std Dev = 0.01 Rel Std Dev = 0.22
Zero Order Coef = -311.43
First Order Coef = 2535.24
Second Order Coef = 26.39
Standard Deviation = 29.676260

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.106
Std Dev = 0.01 Rel Std Dev = 9.19
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.493
Std Dev = 0.01 Rel Std Dev = 0.75
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.510
Std Dev = 0.02 Rel Std Dev = 0.49
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.753
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.779
Std Dev = 0.03 Rel Std Dev = 0.32
Zero Order Coef = -134.03
First Order Coef = 1342.86
Second Order Coef = 13.38
Standard Deviation = 15.291855

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.041	-0.0006
0.100	0.099	0.0009
0.200	0.201	-0.0006
0.300	0.300	0.0002

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0001
0.100	0.100	0.0004
0.200	0.200	-0.0004
0.300	0.300	0.0002

Sol Value = 0.000 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2905.00
Sample #2 = 2944.00
Sample #3 = 2903.00
Sample #4 = 2900.00
Average Result = 2915.6667
STD DEV = 24.5832
REL STD DEV = 0.843
****
***** CHANNEL 2
Sample #1 = 3380.00
Sample #2 = 3409.00
Sample #3 = 3417.00
Sample #4 = 3415.00
Average Result = 3413.6667
STD DEV = 4.1633
REL STD DEV = 0.122
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1019
3 um H20 Adjust (mg/l*10,000) = 894
9 um H20 Adjust (mg/l*10,000) = 396
**** AUTO CAL PASS

INDIALANTIC P.D.
Intoxilyzer - Alconol Analyzer
Model 8000 SN 80-001006
08/02/2022 10:44:30

Auto Calibration
Max Power Res Value = 120
Auto Range Res Value = 84

**** AUTO CAL FAIL

Optical Calibration
SN: 80-001006
Agency: Indiatlantic PD
Date: 8/2/2022
Quadratic Fit: +/- 0.002g/210L
By: DERR

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001006	Indiatlantic Police Department	8/2/2022	DERR

0.05g/210L ✓

0.047 to 0.053 ✓

INDIALANTIC P.D.
Intoxilyzer - Alconol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:56
Control Test	0.048	07:57
Air Blank	0.000	07:58
Control Test	0.048	07:58
Air Blank	0.000	07:59
Control Test	0.047	07:59
Air Blank	0.000	08:00

Control Test Stats

Average	0.0477
Std Dev	0.0006
Rel Std Dev(%)	1.2112

Operator's Signature

0.08g/210L ✗

0.077 to 0.083 ✗

INDIALANTIC P.D.
Intoxilyzer - Alconol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:02
Control Test	0.076	08:02
Air Blank	0.000	08:03
Control Test	0.077	08:04
Air Blank	0.000	08:04
Control Test	0.077	08:05
Air Blank	0.000	08:05

Control Test Stats

Average	0.0767
Std Dev	0.0006
Rel Std Dev(%)	0.7531

Operator's Signature

0.20g/210L ✓

0.194 to 0.206 ✓

INDIALANTIC P.D.
Intoxilyzer - Alconol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:07
Control Test	0.200	08:08
Air Blank	0.000	08:08
Control Test	0.198	08:09
Air Blank	0.000	08:09
Control Test	0.198	08:10
Air Blank	0.000	08:11

Control Test Stats

Average	0.1987
Std Dev	0.0012
Rel Std Dev(%)	0.5812

Operator's Signature

DGS 0.08g/210L ✗

0.077 to 0.083 ✗

INDIALANTIC P.D.
Intoxilyzer - Alconol Analyzer
Model 8000 SN 80-001006
08/02/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:12
Control Test	0.080	08:13
Air Blank	0.000	08:13
Control Test	0.080	08:13
Air Blank	0.000	08:14
Control Test	0.080	08:14
Air Blank	0.000	08:15

Control Test Stats

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

Operator's Signature

Instruments 0.08g/210L values are just out of the acceptable range for the Department Inspection. Will calibrate the instrument to bring values closer to nominal. DERR