INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Port St Lucie PD S/N 80-001323

Date In 11/02/2023 DI Completion Date 11/16/2023 ☐Ship ☐P/U ☐H/D ■CMI ☐EE

Intake By TDG

- ■ 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 TDG Date 11/08/2023

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 100
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.132* (.139 - .169)
36 mm 0.148* (.156 - .190)
53 mm 0.234 (.228 - .278)
103 mm 0.488 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 26932

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5094	202303K
		03/29/2025
0.080	MP5095	202303L
		03/29/2025
0.200	MP5096	202304C
		04/05/2025
0.080 DGS	N/A	AG223802
		08/26/2024

Flow Calibration By TDG Date 11/08/2023

Flow Column # ATP101

- ■ 5L/min – 17mm
- ■ 15L/min – 53mm
- ■ 30L/min – 103mm
- ■ R-Value 101
- ■ Post Calibration Verification (L/s)

Flow Column # ATP104

32 mm 0.140 (.139 - .169)
36 mm 0.156 (.156 - .190)
53 mm 0.234 (.228 - .278)
103 mm 0.492 (.447 - .547)

Maintenance By

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

Calibration Adjustment By TDG

Barometric Pressure Gauge 1016 ID # 28199

Simulator	Serial #	Lot #	Expiration
0.000	MP5097	N/A	N/A
0.040	MP5098	22460	12/28/2024
0.100	MP5099	22310	08/11/2024
0.200	MP5100	22050	02/07/2024
0.300	MP5101	22220	06/15/2024
0.080 DGS	N/A	AG222203	08/10/2024

- ■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5094	202303K	03/29/2025
0.080	MP5095	202303L	03/29/2025
0.200	MP5096	202304C	04/05/2025
0.080 DGS	N/A	AG223802	08/26/2024

Department Inspection By TDG

Barometric Pressure ID# 26932

Gauge 1012 Instrument 1013

Mouth Alcohol Solution Lot # 2023-A

Acetone Stock Solution Lot # 2022-B

Simulator	Serial Number
0.000	MP5092
Interferent	MP5093
0.050	MP5094
0.080	MP5095
0.200	MP5096

Attachments

- ■ Form 41
- ■ Stability Checks
- ■ Calibration Certificate
- ■ Calibration Adjustment
- ■ Post-Stability Checks
- ■ Flow Calibration
- ☐ Form 40
- ■ Other Form 51

Notes/Suggested Service: *Flow values outside nominal range. Will conduct flow calibration adjustment. (TDG)

R-value is ~100. Preemptively sending to CMI. (TDG)

Tech Review: Scanned flow cal adjust page to packet. (TDG 11/16/2023)

- ■ **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**

Benjamin Siddoway Digitally signed by Benjamin Siddoway Date: 2023.11.16 14:22:22 -05'00'

Tech Review / Date

Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.11.17 13:28:46 -05'00'

Admin Review / Date

Flow Cal Adjust

MG

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/08/2023
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 5.195
2: Rate (Liters/min) = 15
SQRT(Diff)) = 10.629
3: Rate (Liters/min) = 30
SQRT(Diff)) = 20.098
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 651
Rounded Intercept = -329544
Correlation = 0.99920

Stability Checks

0.05g/210L

0.047 to 0.053 ✓

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:09
Control Test	0.049	10:10
Air Blank	0.000	10:10
Control Test	0.049	10:11
Air Blank	0.000	10:12
Control Test	0.048	10:12
Air Blank	0.000	10:13

Control Test Stats

Average	0.0487
Std Dev	0.0006
Rel Std Dev(%)	1.1863

Operator's Signature

0.08g/210L

0.077 to 0.083 ✓

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:19
Control Test	0.078	10:19
Air Blank	0.000	10:20
Control Test	0.078	10:21
Air Blank	0.000	10:21
Control Test	0.078	10:22
Air Blank	0.000	10:22

Control Test Stats

Average	0.0780
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

0.20g/210L

0.194 to 0.206 X

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:28
Control Test	0.195	10:28
Air Blank	0.000	10:29
Control Test	0.192	10:30
Air Blank	0.000	10:30
Control Test	0.193	10:31
Air Blank	0.000	10:31

Control Test Stats

Average	0.1933
Std Dev	0.0015
Rel Std Dev(%)	0.7901

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ✓ ***≤0.003 of Wet*** ✓

DGS

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:00
Control Test	0.080	10:01
Air Blank	0.000	10:01
Control Test	0.080	10:02
Air Blank	0.000	10:02
Control Test	0.080	10:02
Air Blank	0.000	10:03

Control Test Stats

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

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/14/2023 13:47:20

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12797, 9um Io = 13539

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1590	(-0.0110)
Sample #2 =	0.1590	(0.0440)
Sample #3 =	0.1450	(0.0830)
Sample #4 =	0.1310	(0.1050)

Avg % Abs = 0.1450 (0.0773)
STD DEV = 0.0140 (0.0309)
REL STD DEV = 9.655 (39.947)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1280	(-0.0100)
Sample #2 =	0.1410	(-0.0040)
Sample #3 =	0.1440	(0.0030)
Sample #4 =	0.1320	(0.0080)

Avg % Abs = 0.1390 (0.0023)
STD DEV = 0.0062 (0.0060)
REL STD DEV = 4.493 (258.331)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12774, 9um Io = 13533

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8520	(-0.0150)
Sample #2 =	0.8560	(-0.0030)
Sample #3 =	0.8350	(0.0330)
Sample #4 =	0.8520	(0.0400)

Avg % Abs = 0.8477 (0.0233)
STD DEV = 0.0112 (0.0231)
REL STD DEV = 1.315 (98.882)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5360	(-0.0120)
Sample #2 =	1.5300	(-0.0010)
Sample #3 =	1.5320	(0.0120)
Sample #4 =	1.5360	(0.0070)

Avg % Abs = 1.5327 (0.0060)
STD DEV = 0.0031 (0.0066)
REL STD DEV = 0.199 (109.291)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12762, 9um Io = 13528

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9010	(-0.0130)
Sample #2 =	1.8870	(0.0240)
Sample #3 =	1.8970	(0.0090)
Sample #4 =	1.9030	(0.0400)

Avg % Abs = 1.8957 (0.0243)
STD DEV = 0.0081 (0.0155)
REL STD DEV = 0.426 (63.710)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5570	(-0.0020)
Sample #2 =	3.5680	(0.0090)
Sample #3 =	3.5490	(0.0130)
Sample #4 =	3.6050	(0.0090)

Avg % Abs = 3.5740 (0.0103)
STD DEV = 0.0285 (0.0023)
REL STD DEV = 0.797 (22.349)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12753, 9um Io = 13522

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6560	(-0.0180)
Sample #2 =	3.6030	(0.0030)
Sample #3 =	3.6390	(0.0070)
Sample #4 =	3.6000	(0.0080)

Avg % Abs = 3.6140 (0.0060)
STD DEV = 0.0217 (0.0026)
REL STD DEV = 0.601 (44.096)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8760	(-0.0060)
Sample #2 =	6.8160	(-0.0010)
Sample #3 =	6.8680	(-0.0010)
Sample #4 =	6.8080	(0.0000)

Avg % Abs = 6.8307 (-0.0007)
STD DEV = 0.0326 (0.0006)
REL STD DEV = 0.477 (86.603)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12749, 9um Io = 13520

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.2700	(-0.0150)
Sample #2 =	5.2330	(0.0140)
Sample #3 =	5.3080	(0.0170)
Sample #4 =	5.2750	(0.0270)

Avg % Abs = 5.2720 (0.0193)
STD DEV = 0.0376 (0.0068)
REL STD DEV = 0.713 (35.208)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8670	(-0.0060)
Sample #2 =	9.8560	(0.0150)
Sample #3 =	9.9490	(0.0250)
Sample #4 =	9.9030	(0.0170)

Avg % Abs = 9.9027 (0.0190)
STD DEV = 0.0465 (0.0053)
REL STD DEV = 0.470 (27.850)

Optical Calibration Adjustment

By: TDG

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.145
Std Dev = 0.01 Rel Std Dev = 9.66
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.848
Std Dev = 0.01 Rel Std Dev = 1.32
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.896
Std Dev = 0.01 Rel Std Dev = 0.43
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.614
Std Dev = 0.02 Rel Std Dev = 0.60
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.272
Std Dev = 0.04 Rel Std Dev = 0.71
Zero Order Coef = -377.82
First Order Coef = 2664.32
Second Order Coef = 22.01
Standard Deviation = 11.124395

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.139
Std Dev = 0.01 Rel Std Dev = 4.49
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.533
Std Dev = 0.00 Rel Std Dev = 0.20
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.574
Std Dev = 0.03 Rel Std Dev = 0.80
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.831
Std Dev = 0.03 Rel Std Dev = 0.48
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.903
Std Dev = 0.05 Rel Std Dev = 0.47
Zero Order Coef = -179.78
First Order Coef = 1336.49
Second Order Coef = 12.51
Standard Deviation = 7.290267

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	0.100	0.0002
0.200	0.200	-0.0003
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

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

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3126.00
Sample #2 = 3140.00
Sample #3 = 3175.00
Sample #4 = 3143.00
Average Result = 3152.6667
STD DEV = 19.3993
REL STD DEV = 0.615
****
***** CHANNEL 2
Sample #1 = 3509.00
Sample #2 = 3527.00
Sample #3 = 3528.00
Sample #4 = 3520.00
Average Result = 3525.0000
STD DEV = 4.3589
REL STD DEV = 0.124
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1016
3 um H20 Adjust (mg/l*10,000) = 657
9 um H20 Adjust (mg/l*10,000) = 284
**** AUTO CAL PASS

Post-Cal Stability Checks

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ✓	*0.077 to 0.083* ✓	*0.194 to 0.206* ✓	*0.077 to 0.083* ✓ *≤0.003 of Wet* ✓

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:44
Control Test	0.049	14:45
Air Blank	0.000	14:45
Control Test	0.049	14:46
Air Blank	0.000	14:46
Control Test	0.049	14:47
Air Blank	0.000	14:48

Control Test Stats

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

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:52
Control Test	0.079	14:53
Air Blank	0.000	14:53
Control Test	0.078	14:54
Air Blank	0.000	14:55
Control Test	0.078	14:55
Air Blank	0.000	14:56

Control Test Stats

Average	0.0783
Std Dev	0.0006
Rel Std Dev(%)	0.7370

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:59
Control Test	0.197	14:59
Air Blank	0.000	15:00
Control Test	0.197	15:00
Air Blank	0.000	15:01
Control Test	0.199	15:02
Air Blank	0.000	15:02

Control Test Stats

Average	0.1977
Std Dev	0.0012
Rel Std Dev(%)	0.5842

Operator's Signature

DGS

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
11/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:38
Control Test	0.078	14:39
Air Blank	0.000	14:39
Control Test	0.079	14:40
Air Blank	0.000	14:40
Control Test	0.079	14:40
Air Blank	0.000	14:41

Control Test Stats

Average	0.0787
Std Dev	0.0006
Rel Std Dev(%)	0.7339

Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PORT ST LUCIE PD
Time of Inspection: 12:17
Date of Inspection: 11/16/2023
Serial Number: 80-001323
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:01923080A3 Exp: 02/05/2025
0.000	0.049	0.079	0.199	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.080	0.198	0.079
0.000	0.050	0.079	0.197	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.049	0.080	0.197	0.079
0.000	0.049	0.080	0.197	0.079
0.000	0.049	0.079	0.199	0.079
Standard Deviations	0.0005	0.0004	0.0008	0.0000

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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.

Taylor Gutschow — TAYLOR D GUTSCHOW
Signature and Printed Name

11/16/2023
Date

FDLE/ATP Form 41 –Revised August 2005

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 80-001323 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001323
Owning Agency:	PORT ST LUCIE PD
Calibration Date:	11/16/2023
Calibration Time:	12:17

	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.

11/16/2023
Date

TAYLOR D GUTSCHOW,
Department Inspector

Return Material Authorization

Ship to: ☑ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Ian Harris on 11/16/2023

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

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001323

Bill To Address:	Ship to Address:
Port St. Lucie PD	Florida Department of Law Enforcement
Attn: Ian Harris	Fort Myers Regional Operations Center
	Attn: Taylor Gutschow
	4700 Terminal Drive, Suite 1
	Fort Myers, FL 33907

Reason for Return:

The R-value is near 100.

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: Ian Harris

Phone #: 772-323-1780 Email: IHarris@cityofpsl.com

ATP Contact Name: Taylor Gutschow ATP Email: TaylorGutschow@fdle.state.fl.us