INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Boca Raton PD S/N 80-006622

Date In 10/10/2023 DI Completion Date 10/10/2023 ☐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: Missing two back feet on DGS shelf.

Quality Checks By TDG Date 10/10/2023

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 221
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.164 (.139 - .169)
36 mm 0.183 (.156 - .190)
53 mm 0.253 (.228 - .278)
103 mm 0.527 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 26932

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5094	202201C
		01/11/2024
0.080	MP5095	202201D
		01/18/2024
0.200	MP5096	202201E
		01/18/2024
0.080 DGS	N/A	AG223802
		08/26/2024

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 TDG

Barometric Pressure Gauge 1014 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	202201C	01/11/2024
0.080	MP5095	202201D	01/18/2024
0.200	MP5096	202201E	01/18/2024
0.080 DGS	N/A	AG223802	08/26/2024

Department Inspection By TDG

Barometric Pressure ID# 26932

Gauge 1013 Instrument 1013

Mouth Alcohol Solution Lot # 2023-A

Acetone Stock Solution Lot # 2022-B

Simulator	Serial Number
0.000	MP4863
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

Notes/Suggested Service:

- ■ **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**

Israel Soto Digitally signed by Israel Soto Date: 2023.10.10 14:21:27 -04'00' — Tech Review / Date

Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.10.10 14:32:25 -04'00' — Admin Review / Date

Stability Checks

0.05g/210L

0.047 to 0.053 ✓

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:31
Control Test	0.048	09:32
Air Blank	0.000	09:32
Control Test	0.048	09:33
Air Blank	0.000	09:33
Control Test	0.048	09:34
Air Blank	0.000	09:34
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

0.08g/210L

0.077 to 0.083 ✗

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:37
Control Test	0.077	09:38
Air Blank	0.000	09:39
Control Test	0.077	09:39
Air Blank	0.000	09:40
Control Test	0.076	09:41
Air Blank	0.000	09:41
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 ✓

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:44
Control Test	0.197	09:44
Air Blank	0.000	09:45
Control Test	0.197	09:46
Air Blank	0.000	09:46
Control Test	0.198	09:47
Air Blank	0.000	09:47
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ✓ *≤0.003 of Wet* ✓

DGS

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:50
Control Test	0.079	09:51
Air Blank	0.000	09:51
Control Test	0.080	09:51
Air Blank	0.000	09:52
Control Test	0.078	09:52
Air Blank	0.000	09:53
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

Operator's Signature

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023 09:57:44

Auto Calibration
Max Power Res Value = 35
Auto Range Res Value = 22

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12721, 9um Io = 12745

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1270	(-0.0170)
Sample #2 =	0.1110	(0.0140)
Sample #3 =	0.0920	(0.0570)
Sample #4 =	0.0500	(0.0750)

Avg % Abs = 0.0843 (0.0487)
STD DEV = 0.0312 (0.0313)
REL STD DEV = 37.013 (64.402)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.2770	(-0.0260)
Sample #2 =	0.2490	(-0.0040)
Sample #3 =	0.2370	(0.0030)
Sample #4 =	0.2160	(0.0160)

Avg % Abs = 0.2340 (0.0050)
STD DEV = 0.0167 (0.0101)
REL STD DEV = 7.138 (202.978)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12707, 9um Io = 12740

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7930	(-0.0140)
Sample #2 =	0.7630	(0.0130)
Sample #3 =	0.7740	(-0.0030)
Sample #4 =	0.7270	(0.0200)

Avg % Abs = 0.7547 (0.0100)
STD DEV = 0.0246 (0.0118)
REL STD DEV = 3.257 (117.898)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5940	(-0.0010)
Sample #2 =	1.5810	(0.0010)
Sample #3 =	1.5810	(0.0040)
Sample #4 =	1.5540	(0.0000)

Avg % Abs = 1.5720 (0.0017)
STD DEV = 0.0156 (0.0021)
REL STD DEV = 0.992 (124.900)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12703, 9um Io = 12739

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7530	(-0.0140)
Sample #2 =	1.7740	(-0.0030)
Sample #3 =	1.7800	(0.0060)
Sample #4 =	1.7320	(0.0310)

Avg % Abs = 1.7620 (0.0113)
STD DEV = 0.0262 (0.0176)
REL STD DEV = 1.484 (155.438)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5120	(-0.0020)
Sample #2 =	3.5210	(0.0030)
Sample #3 =	3.5320	(-0.0080)
Sample #4 =	3.5110	(0.0100)

Avg % Abs = 3.5213 (0.0017)
STD DEV = 0.0105 (0.0091)
REL STD DEV = 0.298 (544.426)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12699, 9um Io = 12739

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4320	(-0.0230)
Sample #2 =	3.3780	(0.0150)
Sample #3 =	3.3950	(-0.0020)
Sample #4 =	3.3870	(0.0060)

Avg % Abs = 3.3867 (0.0063)
STD DEV = 0.0085 (0.0085)
REL STD DEV = 0.251 (134.288)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7060	(-0.0060)
Sample #2 =	6.6390	(0.0220)
Sample #3 =	6.6730	(-0.0010)
Sample #4 =	6.6700	(0.0100)

Avg % Abs = 6.6607 (0.0103)
STD DEV = 0.0188 (0.0115)
REL STD DEV = 0.283 (111.325)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12695, 9um Io = 12737

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.9560	(0.0000)
Sample #2 =	4.9640	(0.0060)
Sample #3 =	5.0000	(-0.0120)
Sample #4 =	5.0050	(-0.0040)

Avg % Abs = 4.9897 (-0.0033)
STD DEV = 0.0224 (0.0090)
REL STD DEV = 0.448 (270.555)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6230	(-0.0060)
Sample #2 =	9.6210	(0.0040)
Sample #3 =	9.6430	(0.0000)
Sample #4 =	9.6450	(0.0040)

Avg % Abs = 9.6363 (0.0027)
STD DEV = 0.0133 (0.0023)
REL STD DEV = 0.138 (86.603)

Optical Calibration Adjustment

By: TDG

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.084
Std Dev = 0.03 Rel Std Dev = 37.01
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.755
Std Dev = 0.02 Rel Std Dev = 3.26
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.762
Std Dev = 0.03 Rel Std Dev = 1.48
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.387
Std Dev = 0.01 Rel Std Dev = 0.25
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.990
Std Dev = 0.02 Rel Std Dev = 0.45
Zero Order Coef = -236.08
First Order Coef = 2809.69
Second Order Coef = 20.31
Standard Deviation = 10.840514

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.234
Std Dev = 0.02 Rel Std Dev = 7.14
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.572
Std Dev = 0.02 Rel Std Dev = 0.99
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.521
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.661
Std Dev = 0.02 Rel Std Dev = 0.28
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.636
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -325.52
First Order Coef = 1399.86
Second Order Coef = 12.04
Standard Deviation = 6.616469

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0000
0.040	0.040	0.0002
0.100	0.100	-0.0003
0.200	0.200	0.0002
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	-0.0000
0.100	0.100	0.0002
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 = 3502.00
Sample #2 = 3442.00
Sample #3 = 3412.00
Sample #4 = 3449.00
Average Result = 3434.3333
STD DEV = 19.6554
REL STD DEV = 0.572
****
***** CHANNEL 2
Sample #1 = 3197.00
Sample #2 = 3182.00
Sample #3 = 3179.00
Sample #4 = 3182.00
Average Result = 3181.0000
STD DEV = 1.7321
REL STD DEV = 0.054
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1014
3 um H2O Adjust (mg/l*10,000) = 375
9 um H2O Adjust (mg/l*10,000) = 628
**** AUTO CAL PASS

Post-Cal Stability Checks

0.05g/210L

0.047 to 0.053 ✓

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:11
Control Test	0.049	11:11
Air Blank	0.000	11:12
Control Test	0.049	11:12
Air Blank	0.000	11:13
Control Test	0.048	11:14
Air Blank	0.000	11:14

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 ✓

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:19
Control Test	0.077	11:20
Air Blank	0.000	11:20
Control Test	0.077	11:21
Air Blank	0.000	11:22
Control Test	0.077	11:22
Air Blank	0.000	11:23

Control Test Stats

Average	0.0770
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

0.20g/210L

0.194 to 0.206 ✓

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:28
Control Test	0.198	11:29
Air Blank	0.000	11:30
Control Test	0.198	11:30
Air Blank	0.000	11:31
Control Test	0.198	11:32
Air Blank	0.000	11:32

Control Test Stats

Average	0.1980
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ✓ *≤0.003 of Wet* ✓

DGS

BOCA RATON PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006622
10/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.079	11:05
Air Blank	0.000	11:06
Control Test	0.079	11:06
Air Blank	0.000	11:07
Control Test	0.078	11:07
Air Blank	0.000	11:08

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: BOCA RATON PD
Time of Inspection: 13:33
Date of Inspection: 10/10/2023
Serial Number: 80-006622
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#:AG223802 Exp: 08/26/2024
0.000	0.048	0.077	0.198	0.079
0.000	0.047	0.077	0.198	0.079
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.077	0.198	0.078
0.000	0.047	0.077	0.199	0.079
0.000	0.048	0.077	0.198	0.078
0.000	0.047	0.077	0.198	0.080
0.000	0.048	0.077	0.198	0.080
0.000	0.048	0.077	0.198	0.080
0.000	0.048	0.077	0.198	0.079

Standard Deviations	0.0004	0.0000	0.0003	0.0007

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.

TAYLOR D GUTSCHOW
Signature and Printed Name

10/10/2023
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 80-006622 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006622
Owning Agency:	BOCA RATON PD
Calibration Date:	10/10/2023
Calibration Time:	13:33

	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.

10/10/2023
Date

TAYLOR D GUTSCHOW,
Department Inspector