



INSTRUMENT PROCESSING SHEET

Agency Boynton Beach PDS/N 80-001190Florida Department of
Law EnforcementDate In 11/14/2022 DI Completion Date 11/15/2022☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>11/15/2022</u>	Flow Calibration	By	Date																																								
<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 type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: <u>Intox box packaged inside a larger box.</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>197</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.164</u> (.139 - .169) 36 mm <u>0.179</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.523</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>68639</u> <input checked="" type="checkbox"/> Stability Checks			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)																																										
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				Maintenance By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____																																											
Calibration Adjustment By TDG _____		Department Inspection By TDG _____																																													
Barometric Pressure Gauge <u>26932</u> ID # <u>1019</u>		Barometric Pressure ID# <u>28199</u> Gauge <u>1018</u> Instrument <u>1017</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</u>																																													
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Notes/Suggested Service: _____ _____ _____ _____ _____ _____		Phil Nicodemio <small>Digitally signed by Phil Nicodemio Date: 2022.11.17 11:03:53 -05'00'</small> Israel Soto <small>Digitally signed by Israel Soto Date: 2022.11.17 11:25:07 -05'00'</small>																																													
		Tech Review / Date _____ Admin Review / Date _____																																													

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: BOYNTON BEACH PD
Time of Inspection: 09:54

Date of Inspection: 11/15/2022

Serial Number: 80-001190
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:_____ Exp:_____	0.08g/210L Test (g/210L) Lot#:_____ Exp:_____	0.20g/210L Test (g/210L) Lot#:_____ Exp:_____	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:_____ Exp:_____

Number of Simulators Used: _____

Remarks:
BYPASSED TO OPERATE INSTRUMENT. COMPLIANCE NOT DETERMINED.

Not determined ML
11/15/2022

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

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Taylor D Gutschow

TAYLOR D GUTSCHOW

Signature and Printed Name

11/15/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1190	Boynton Beach PD	11/15/2022	TDG MB

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
BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/15/2022 Software: 8100.27	BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/15/2022 Software: 8100.27	BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/15/2022 Software: 8100.27	Inadvertently printed printed to external Printer. Will attach. Results within the acceptable range but not in agreement w/ the 0.08 ARS. MB 11/15/2022
Test g/210L Time	Test g/210L Time	Test g/210L Time	
Air Blank 0.000 10:32	Air Blank 0.000 10:43	Air Blank 0.000 10:54	
Control Test 0.049 10:33	Control Test 0.078 10:44	Control Test 0.199 10:55	
Air Blank 0.000 10:34	Air Blank 0.000 10:45	Air Blank 0.000 10:55	
Control Test 0.048 10:34	Control Test 0.077 10:45	Control Test 0.199 10:56	
Air Blank 0.000 10:35	Air Blank 0.000 10:46	Air Blank 0.000 10:56	
Control Test 0.048 10:36	Control Test 0.077 10:47	Air Blank 0.000 10:56	
Air Blank 0.000 10:36	Air Blank 0.000 10:47	Control Test 0.198 10:57	
Control Test Stats	Control Test Stats	Air Blank 0.000 10:58	
Average 0.0483	Average 0.0773	Control Test Stats	
Std Dev 0.0006	Std Dev 0.0006	Average 0.1987	
Rel Std Dev(%) 1.1945	Rel Std Dev(%) 0.7466	Std Dev 0.0006	
		Rel Std Dev(%) 0.2906	
MB Operator's Signature	MB Operator's Signature	ML Operator's Signature	

Comments:

Will perform optical cal ad just.

MB
11/15/2022

BOYNTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001190
11/15/2022
Software: 8100.27

DGS

Test	g/210L	Time
Air Blank	0.000	10:28
Control Test	0.081	10:28
Air Blank	0.000	10:29
Control Test	0.081	10:29
Air Blank	0.000	10:30
Control Test	0.082	10:30
Air Blank	0.000	10:31
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

MG

Operator's Signature

BOYNTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001190
11/15/2022 11:00:20

Auto Calibration
Max Power Res Value = 20
Auto Range Res Value = 15

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12839, 9um Io = 14179

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.1820 (-0.0270)
Sample #2 = 0.1710 (-0.0390)
Sample #3 = 0.1420 (-0.0100)
Sample #4 = 0.1590 (-0.0040)
Avg % Abs = 0.1573 (-0.0177)
STD DEV = 0.0146 (0.0187)
REL STD DEV = 9.262 (105.946)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 0.2080 (-0.0230)
Sample #2 = 0.1940 (-0.0300)
Sample #3 = 0.2100 (-0.0270)
Sample #4 = 0.1790 (-0.0030)
Avg % Abs = 0.1943 (-0.0200)
STD DEV = 0.0155 (0.0148)
REL STD DEV = 7.977 (73.993)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12833, 9um Io = 14178

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.9490 (-0.0170)
Sample #2 = 0.9480 (-0.0110)
Sample #3 = 0.9320 (-0.0050)
Sample #4 = 0.9130 (0.0220)
Avg % Abs = 0.9310 (0.0020)
STD DEV = 0.0175 (0.0176)
REL STD DEV = 1.882 (878.920)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 1.6720 (-0.0080)
Sample #2 = 1.6460 (0.0130)
Sample #3 = 1.6530 (0.0040)
Sample #4 = 1.6510 (0.0340)
Avg % Abs = 1.6500 (0.0170)
STD DEV = 0.0036 (0.0154)
REL STD DEV = 0.219 (90.558)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12838, 9um Io = 14180

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 2.0750 (-0.0110)
Sample #2 = 2.0530 (0.0260)
Sample #3 = 2.0480 (0.0160)
Sample #4 = 2.0460 (0.0410)
Avg % Abs = 2.0490 (0.0277)
STD DEV = 0.0036 (0.0126)
REL STD DEV = 0.176 (45.481)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 3.7890 (0.0000)
Sample #2 = 3.7660 (0.0420)
Sample #3 = 3.7500 (0.0370)
Sample #4 = 3.7580 (0.0360)
Avg % Abs = 3.7580 (0.0383)
STD DEV = 0.0080 (0.0032)
REL STD DEV = 0.213 (8.386)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12836, 9um Io = 14178

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 3.8930 (-0.0060)
Sample #2 = 3.8610 (0.0490)
Sample #3 = 3.8600 (0.0350)
Sample #4 = 3.8660 (0.0440)
Avg % Abs = 3.8623 (0.0427)
STD DEV = 0.0032 (0.0071)
REL STD DEV = 0.083 (16.628)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 7.1550 (-0.0040)
Sample #2 = 7.0990 (0.0670)
Sample #3 = 7.0990 (0.0610)
Sample #4 = 7.1470 (0.0210)
Avg % Abs = 7.1150 (0.0497)
STD DEV = 0.0277 (0.0250)
REL STD DEV = 0.390 (50.349)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12832, 9um Io = 14175

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 5.7090 (-0.0280)
Sample #2 = 5.6550 (0.0180)
Sample #3 = 5.6290 (0.0280)
Sample #4 = 5.6020 (0.0630)
Avg % Abs = 5.6287 (0.0363)
STD DEV = 0.0265 (0.0236)
REL STD DEV = 0.471 (65.034)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 10.4180 (-0.0230)
Sample #2 = 10.3170 (0.0740)
Sample #3 = 10.2930 (0.0840)
Sample #4 = 10.2650 (0.1120)
Avg % Abs = 10.2917 (0.0900)
STD DEV = 0.0260 (0.0197)
REL STD DEV = 0.253 (21.886)

Optical Calibration

SN: 80-00 1190
Agency: Boynton Beach PD
Date: 11/15/2022
Quadratic Fit: +/- 0.002g/210L ✓
By: TDG TNG

**** AUTO CAL DATA ****

Channel 1
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.157
Std Dev = 0.01 Rel Std Dev = 9.26
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.931
Std Dev = 0.02 Rel Std Dev = 1.88
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.049
Std Dev = 0.00 Rel Std Dev = 0.18
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.862
Std Dev = 0.00 Rel Std Dev = 0.08
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.629
Std Dev = 0.03 Rel Std Dev = 0.47
Zero Order Coef = -401.25
First Order Coef = 2470.86
Second Order Coef = 24.75
Standard Deviation = 12.092070

Channel 2
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.194
Std Dev = 0.02 Rel Std Dev = 7.98
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.650
Std Dev = 0.00 Rel Std Dev = 0.22
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.758
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.115
Std Dev = 0.03 Rel Std Dev = 0.39
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.292
Std Dev = 0.03 Rel Std Dev = 0.25
Zero Order Coef = -251.39
First Order Coef = 1287.99
Second Order Coef = 12.09
Standard Deviation = 1.630903

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 -0.0003
0.100 0.100 -0.0001
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 0.0000
0.040 0.040 -0.0000
0.100 0.100 0.0000
0.200 0.200 -0.0000
0.300 0.300 0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
Channel 1
Sample #1 = 2808.00
Sample #2 = 2777.00
Sample #3 = 2713.00
Sample #4 = 2708.00
Average Result = 2732.6667
STD DEV = 38.4751
REL STD DEV = 1.408

Channel 2
Sample #1 = 3205.00
Sample #2 = 3180.00
Sample #3 = 3188.00
Sample #4 = 3184.00
Average Result = 3184.0000
STD DEV = 4.0000
REL STD DEV = 0.126

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1018
3 um H2O Adjust (mg/l*10,000) = 1077
9 um H2O Adjust (mg/l*10,000) = 625
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-00 1190	Boynton Beach PD	11/15/2022	TDG <i>MB</i>

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
BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/15/2022 Software: 8100.27			BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/15/2022 Software: 8100.27			BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/15/2022 Software: 8100.27			BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/15/2022 Software: 8100.27		
Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time
Air Blank	0.000	12:07	Air Blank	0.000	12:14	Air Blank	0.000	12:21	Air Blank	0.000	12:26
Control Test	0.049	12:07	Control Test	0.078	12:15	Control Test	0.198	12:22	Control Test	0.079	12:26
Air Blank	0.000	12:08	Air Blank	0.000	12:16	Air Blank	0.000	12:22	Air Blank	0.000	12:27
Control Test	0.048	12:09	Control Test	0.078	12:16	Control Test	0.197	12:23	Control Test	0.080	12:27
Air Blank	0.000	12:09	Air Blank	0.000	12:17	Air Blank	0.000	12:24	Air Blank	0.000	12:28
Control Test	0.047	12:10	Control Test	0.078	12:18	Control Test	0.195	12:24	Control Test	0.080	12:28
Air Blank	0.000	12:10	Air Blank	0.000	12:18	Air Blank	0.000	12:25	Air Blank	0.000	12:28
Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats		
Average	0.0480		Average	0.0780		Average	0.1967		Average	0.0797	
Std Dev	0.0010		Std Dev	0.0000		Std Dev	0.0015		Std Dev	0.0006	
Rel Std Dev(%)	2.0833		Rel Std Dev(%)	0.0000		Rel Std Dev(%)	0.7767		Rel Std Dev(%)	0.7247	
Operator's Signature			Operator's Signature			Operator's Signature			Operator's Signature		

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BOYNTON BEACH PD
Time of Inspection: 15:10

Date of Inspection: 11/15/2022

Serial Number: 80-001190
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	0.049	0.078	0.198	0.079
0.000	0.048	0.078	0.196	0.080
0.000	0.049	0.078	0.196	0.080
0.000	0.049	0.077	0.198	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.079	0.195	0.080
0.000	0.048	0.078	0.198	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.079	0.198	0.080

Standard Deviations	0.0004	0.0006	0.0013	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0006 Number of Simulators Used: 5

Remarks:

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.



TAYLOR D GUTSCHOW

Signature and Printed Name

11/15/2022
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 80-001190, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001190</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>BOYNTON BEACH PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>11/15/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:10</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 ($k=3$).

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.

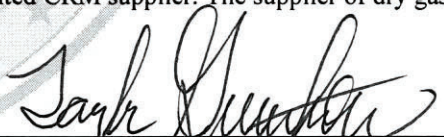
Simulator temperatures are traceable to NIST. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

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.

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11/15/2022

Date


TAYLOR D GUTSCHOW,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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