



INSTRUMENT PROCESSING SHEET

Agency Boynton Beach PD

S/N 80-001190

Florida Department of
Law Enforcement

Date In 10/15/2021 DI Completion Date 11/18/2021

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date 11/4/2021	Flow Calibration	By	Date																																								
☒ 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: <u>Needs battery changed</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>193</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.160</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.250</u> (.228 - .278) 103 mm <u>0.519</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks			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)																																										
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				DI Temp. Checks By <u>TDG</u> ☒ Lab Temp °C <u>21.23</u> External Digital Therm. ID#: <u>381198</u> ☒ 34°C +/- .2 Serial #: <u>MP5092</u> ☒ 34°C +/- .2 Serial #: <u>MP4864</u> ☒ 34°C +/- .2 Serial #: <u>MP5094</u>																																											
Calibration Adjustment By <u>TDG</u> Barometric Pressure Gauge <u>1021</u> ID # <u>28663</u>				Department Inspection By <u>TDG</u> Barometric Pressure ID# <u>28199</u> Gauge <u>1020</u> Instrument <u>1020</u> Mouth Alcohol Solution Lot # <u>2020-A</u> Acetone Stock Solution Lot # <u>2020-A</u>																																											
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☒ Post Calibration Adjustment Stability Checks				Attachments ☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment ☒ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ Other _____																																											
Notes/Suggested Service: <u>Checked breath tube screen and replaced o-rings on 10/26/2021 (TDG)</u> <u>DERR replaced the battery on 11/02/2021 (TDG)</u>				☒ 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: 2021.11.18 16:06:19 +0500				Date: 2021.11.19 08:17:12 -05'00'																																											
Tech Review / Date				Admin Review / Date																																											

Florida Department of Law Enforcement Alcohol Testing Program

#1

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: BOYNTON BEACH PD
Time of Inspection: 10:16

Date of Inspection: 11/04/2021

Serial Number: 80-001190
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		
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 AI TO OPERATE.

Not determined MC
11/04/2021

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

Signature and Printed Name

TAYLOR D GUTSCHOW

11/04/2021
Date

Florida Department of Law Enforcement Alcohol Testing Program

#2

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: BOYNTON BEACH PD
Time of Inspection: 11:12

Date of Inspection: 11/18/2021

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

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TAYLOR D GUTSCHOW
Signature and Printed Name

11/18/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1190	Boynton Beach PD	11/04/2021	TDG MG

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

Needs optical calibration

BOYNTON BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001190
11/18/2021 11:20:26

Auto Calibration
Max Power Res Value = 21
Auto Range Res Value = 15

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12836, 9um Io = 14201

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1960 (-0.0250)
Sample #2 = 0.1880 (-0.0090)
Sample #3 = 0.1520 (0.0110)
Sample #4 = 0.1750 (0.0110)
Avg % Abs = 0.1717 (0.0043)
STD DEV = 0.0182 (0.0115)
REL STD DEV = 10.619 (266.469)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.2060 (-0.0070)
Sample #2 = 0.1960 (0.0100)
Sample #3 = 0.2010 (0.0140)
Sample #4 = 0.1790 (0.0200)
Avg % Abs = 0.1920 (0.0147)
STD DEV = 0.0115 (0.0050)
REL STD DEV = 6.007 (34.317)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12834, 9um Io = 14198

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.9310 (-0.0070)
Sample #2 = 0.9230 (0.0190)
Sample #3 = 0.9440 (0.0060)
Sample #4 = 0.9230 (0.0040)
Avg % Abs = 0.9300 (0.0097)
STD DEV = 0.0121 (0.0081)
REL STD DEV = 1.304 (84.254)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.6870 (-0.0140)
Sample #2 = 1.6620 (0.0070)
Sample #3 = 1.6560 (0.0130)
Sample #4 = 1.6350 (0.0220)
Avg % Abs = 1.6510 (0.0140)
STD DEV = 0.0142 (0.0075)
REL STD DEV = 0.859 (53.927)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12834, 9um Io = 14198

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 2.0610 (-0.0120)
Sample #2 = 2.0530 (0.0110)
Sample #3 = 2.0410 (0.0390)
Sample #4 = 2.0350 (0.0240)
Avg % Abs = 2.0430 (0.0247)
STD DEV = 0.0092 (0.0140)
REL STD DEV = 0.449 (56.805)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.7980 (-0.0070)
Sample #2 = 3.7730 (0.0230)
Sample #3 = 3.7820 (0.0350)
Sample #4 = 3.7630 (0.0440)
Avg % Abs = 3.7727 (0.0340)
STD DEV = 0.0095 (0.0105)
REL STD DEV = 0.252 (30.987)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12832, 9um Io = 14193

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.9340 (-0.0100)
Sample #2 = 3.8660 (0.0380)
Sample #3 = 3.8670 (0.0370)
Sample #4 = 3.8580 (0.0480)
Avg % Abs = 3.8637 (0.0410)
STD DEV = 0.0049 (0.0061)
REL STD DEV = 0.128 (14.836)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 7.1900 (-0.0280)
Sample #2 = 7.1120 (0.0480)
Sample #3 = 7.1060 (0.0560)
Sample #4 = 7.1200 (0.0630)
Avg % Abs = 7.1127 (0.0557)
STD DEV = 0.0070 (0.0075)
REL STD DEV = 0.099 (13.483)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12831, 9um Io = 14195

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 5.6690 (-0.0120)
Sample #2 = 5.6300 (0.0590)
Sample #3 = 5.6260 (0.0490)
Sample #4 = 5.6290 (0.0520)
Avg % Abs = 5.6283 (0.0533)
STD DEV = 0.0021 (0.0051)
REL STD DEV = 0.037 (9.622)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 10.3600 (0.0020)
Sample #2 = 10.2840 (0.0990)
Sample #3 = 10.2880 (0.0880)
Sample #4 = 10.2640 (0.1190)
Avg % Abs = 10.2787 (0.1020)
STD DEV = 0.0129 (0.0157)
REL STD DEV = 0.125 (15.408)

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

***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.172
Std Dev = 0.02 Rel Std Dev = 10.62
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.930
Std Dev = 0.01 Rel Std Dev = 1.30
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.043
Std Dev = 0.01 Rel Std Dev = 0.45
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.864
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.628
Std Dev = 0.00 Rel Std Dev = 0.04
Zero Order Coef = -430.14
First Order Coef = 2495.54
Second Order Coef = 21.12
Standard Deviation = 3.909046

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.192
Std Dev = 0.01 Rel Std Dev = 6.01
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.651
Std Dev = 0.01 Rel Std Dev = 0.86
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.773
Std Dev = 0.01 Rel Std Dev = 0.25
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.113
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.279
Std Dev = 0.01 Rel Std Dev = 0.13
Zero Order Coef = -246.87
First Order Coef = 1280.37
Second Order Coef = 13.00
Standard Deviation = 4.729677

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 -0.0001
0.200 0.200 0.0001
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 = 2768.00
Sample #2 = 2662.00
Sample #3 = 2652.00
Sample #4 = 2638.00
Average Result = 2650.6667
STD DEV = 12.0554
REL STD DEV = 0.455

***** CHANNEL 2 *****
Sample #1 = 3174.00
Sample #2 = 3122.00
Sample #3 = 3135.00
Sample #4 = 3132.00
Average Result = 3129.6667
STD DEV = 6.8069
REL STD DEV = 0.217

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1020
3 um H2O Adjust (mg/l*10,000) = 1159
9 um H2O Adjust (mg/l*10,000) = 680
**** AUTO CAL PASS

Optical Calibration

SN: 80-00 1190
Agency: Boynton Beach
Date: 11/18/2021
Quadratic Fit: +/- 0.002g/210L ✓
By: TDG M6

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 -0.0001
0.100 0.100 0.0001
0.200 0.200 -0.0001
0.300 0.300 0.0000

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post)	80-00 1190	Boynton Beach	11/18/2021	TDG JMC

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 11/18/2021 Software: 8100.27	BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/18/2021 Software: 8100.27	BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/18/2021 Software: 8100.27	BOYNTON BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001190 11/18/2021 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 12:28	Air Blank 0.000 12:40	Air Blank 0.000 12:48	Air Blank 0.000 12:53
Control Test 0.049 12:28	Control Test 0.080 12:41	Control Test 0.200 12:49	Control Test 0.079 12:54
Air Blank 0.000 12:29	Air Blank 0.000 12:42	Air Blank 0.000 12:49	Air Blank 0.000 12:54
Control Test 0.049 12:30	Control Test 0.079 12:42	Control Test 0.199 12:50	Control Test 0.080 12:54
Air Blank 0.000 12:30	Air Blank 0.000 12:43	Air Blank 0.000 12:51	Air Blank 0.000 12:55
Control Test 0.049 12:31	Control Test 0.079 12:44	Control Test 0.198 12:51	Control Test 0.080 12:55
Air Blank 0.000 12:31	Air Blank 0.000 12:44	Air Blank 0.000 12:52	Air Blank 0.000 12:56
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0490	Average 0.0793	Average 0.1990	Average 0.0797
Std Dev 0.0000	Std Dev 0.0006	Std Dev 0.0010	Std Dev 0.0006
Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.7277	Rel Std Dev(%) 0.5025	Rel Std Dev(%) 0.7247
MC Operator's Signature	MC Operator's Signature	MC Operator's Signature	MC Operator's Signature

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BOYNTON BEACH PD
Time of Inspection: 15:28

Date of Inspection: 11/18/2021

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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.200	0.080
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	0.199	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.078	0.200	0.080
0.000	0.049	0.079	0.200	0.079

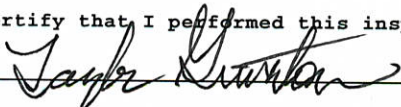
Standard Deviations	0.0005	0.0005	0.0005	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) 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

11/18/2021
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	0.005
Calibration Date:	<u>11/18/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:28</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. 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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

11/18/2021

Date


TAYLOR D GUTSCHOW,
Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

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