

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: BREVARD COUNTY SO
Time of Inspection: 08:45

Date of Inspection: 08/21/2025

Serial Number: 80-001010
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted	Yes	
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:

Time-Date changed. BYPASSED AI TO OPERATE INSTRUMENT.

Compliance not determined.

Wkp 8/21/2025

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.



WEN-CHI K PIERSON

Signature and Printed Name

08/21/2025
Date

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																																																																																																																																																
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Performed Root Case Analysis	Performed Root Case Analysis	Performed Root Case Analysis	Performed Root Case Analysis																																																																																																																																																
BREVARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001010 09/21/2025 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>09:39</td></tr><tr><td>Control Test</td><td>0.051</td><td>09:40</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:40</td></tr><tr><td>Control Test</td><td>0.050</td><td>09:41</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:42</td></tr><tr><td>Control Test</td><td>0.050</td><td>09:42</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:43</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0503</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.1471</td><td></td></tr></table> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	09:39	Control Test	0.051	09:40	Air Blank	0.000	09:40	Control Test	0.050	09:41	Air Blank	0.000	09:42	Control Test	0.050	09:42	Air Blank	0.000	09:43	Control Test Stats			Average	0.0503		Std Dev	0.0006		Rel Std Dev(%)	1.1471		BREVARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001010 09/21/2025 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>09:48</td></tr><tr><td>Control Test</td><td>0.083</td><td>09:49</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:50</td></tr><tr><td>Control Test</td><td>0.081</td><td>09:50</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:51</td></tr><tr><td>Control Test</td><td>0.082</td><td>09:51</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:52</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0820</td><td></td></tr><tr><td>Std Dev</td><td>0.0010</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.2195</td><td></td></tr></table> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	09:48	Control Test	0.083	09:49	Air Blank	0.000	09:50	Control Test	0.081	09:50	Air Blank	0.000	09:51	Control Test	0.082	09:51	Air Blank	0.000	09:52	Control Test Stats			Average	0.0820		Std Dev	0.0010		Rel Std Dev(%)	1.2195		BREVARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001010 09/21/2025 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>09:55</td></tr><tr><td>Control Test</td><td>0.204</td><td>09:55</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:56</td></tr><tr><td>Control Test</td><td>0.204</td><td>09:57</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:57</td></tr><tr><td>Control Test</td><td>0.203</td><td>09:58</td></tr><tr><td>Air Blank</td><td>0.000</td><td>09:59</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.2037</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2835</td><td></td></tr></table> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	09:55	Control Test	0.204	09:55	Air Blank	0.000	09:56	Control Test	0.204	09:57	Air Blank	0.000	09:57	Control Test	0.203	09:58	Air Blank	0.000	09:59	Control Test Stats			Average	0.2037		Std Dev	0.0006		Rel Std Dev(%)	0.2835		BREVARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001010 09/21/2025 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>10:02</td></tr><tr><td>Control Test</td><td>0.081</td><td>10:02</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:03</td></tr><tr><td>Control Test</td><td>0.081</td><td>10:03</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:04</td></tr><tr><td>Control Test</td><td>0.082</td><td>10:04</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:05</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0813</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7099</td><td></td></tr></table> Operator's Signature	Test	g/210L	Time	Air Blank	0.000	10:02	Control Test	0.081	10:02	Air Blank	0.000	10:03	Control Test	0.081	10:03	Air Blank	0.000	10:04	Control Test	0.082	10:04	Air Blank	0.000	10:05	Control Test Stats			Average	0.0813		Std Dev	0.0006		Rel Std Dev(%)	0.7099	
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80-001010

updated date
Sub and time
afterward

BREVARD COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001010

08/21/2025 *

14:27:58 *

8/29/2025

~13:10:00

Auto Calibration

Max Power Res Value = 73

Auto Range Res Value = 27

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

3um lo = 12325, 9um lo = 13760

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 0.1520	(-0.0150)	
Sample #2 = 0.1170	(0.0390)	
Sample #3 = 0.1310	(0.0820)	
Sample #4 = 0.1260	(0.1010)	
Avg % Abs = 0.1247 (0.0740)		
STD DEV = 0.0071 (0.0318)		
REL STD DEV = 5.691 (42.925)		

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 0.1370	(-0.0070)	
Sample #2 = 0.1230	(0.0000)	
Sample #3 = 0.1130	(0.0170)	
Sample #4 = 0.1220	(0.0160)	
Avg % Abs = 0.1193 (0.0110)		
STD DEV = 0.0055 (0.0095)		
REL STD DEV = 4.615 (86.722)		

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

3um lo = 12303, 9um lo = 13752

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 0.8940	(-0.0150)	
Sample #2 = 0.8620	(0.0070)	
Sample #3 = 0.8770	(0.0460)	
Sample #4 = 0.8640	(0.0620)	
Avg % Abs = 0.8677 (0.0383)		
STD DEV = 0.0081 (0.0283)		
REL STD DEV = 0.939 (73.800)		

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 1.5180	(-0.0090)	
Sample #2 = 1.4930	(0.0060)	
Sample #3 = 1.5070	(0.0310)	
Sample #4 = 1.5010	(0.0330)	
Avg % Abs = 1.5003 (0.0233)		
STD DEV = 0.0070 (0.0150)		
REL STD DEV = 0.468 (64.476)		

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

3um lo = 12291, 9um lo = 13745

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 1.9810	(-0.0190)	
Sample #2 = 1.9890	(0.0010)	
Sample #3 = 1.9740	(0.0400)	
Sample #4 = 1.9610	(0.0610)	
Avg % Abs = 1.9747 (0.0340)		
STD DEV = 0.0140 (0.0304)		
REL STD DEV = 0.710 (89.549)		

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 3.5360	(-0.0180)	
Sample #2 = 3.5170	(0.0080)	
Sample #3 = 3.5010	(0.0290)	
Sample #4 = 3.4950	(0.0210)	
Avg % Abs = 3.5043 (0.0193)		
STD DEV = 0.0114 (0.0106)		
REL STD DEV = 0.325 (54.821)		

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

3um lo = 12283, 9um lo = 13742

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 3.7750	(-0.0140)	
Sample #2 = 3.7630	(0.0140)	
Sample #3 = 3.7460	(0.0560)	
Sample #4 = 3.7750	(0.0510)	
Avg % Abs = 3.7613 (0.0403)		
STD DEV = 0.0146 (0.0229)		
REL STD DEV = 0.387 (56.881)		

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 6.7680	(0.0010)	
Sample #2 = 6.7290	(0.0310)	
Sample #3 = 6.7190	(0.0520)	
Sample #4 = 6.7240	(0.0430)	
Avg % Abs = 6.7240 (0.0420)		
STD DEV = 0.0050 (0.0105)		
REL STD DEV = 0.074 (25.085)		

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

3um lo = 12275, 9um lo = 13738

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 5.4990	(-0.0280)	
Sample #2 = 5.4900	(0.0080)	
Sample #3 = 5.5080	(0.0280)	
Sample #4 = 5.4830	(0.0640)	
Avg % Abs = 5.4937 (0.0333)		
STD DEV = 0.0129 (0.0284)		
REL STD DEV = 0.235 (05.135)		

Performed calibration

Adjustment 8/29/25

(correct date and time
inputted afterward)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 = 9.7940	(-0.0070)	
Sample #2 = 9.7760	(0.0500)	
Sample #3 = 9.7840	(0.0610)	
Sample #4 = 9.7620	(0.0760)	
Avg % Abs = 9.7740 (0.0623)		
STD DEV = 0.0111 (0.0131)		
REL STD DEV = 0.114 (20.938)		

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

<<<< CHANNEL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.125

Std Dev = 0.01 Rel Std Dev = 5.69

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.868

Std Dev = 0.01 Rel Std Dev = 0.94

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.975

Std Dev = 0.01 Rel Std Dev = 0.71

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.761

Std Dev = 0.01 Rel Std Dev = 0.39

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.494

Std Dev = 0.01 Rel Std Dev = 0.23

Zero Order Coef = -310.72

First Order Coef = 2522.86

Second Order Coef = 24.39

Standard Deviation = 5.050026

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.119

Std Dev = 0.01 Rel Std Dev = 4.62

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.500

Std Dev = 0.01 Rel Std Dev = 0.47

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.504

Std Dev = 0.01 Rel Std Dev = 0.32

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.724

Std Dev = 0.01 Rel Std Dev = 0.07

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.774

Std Dev = 0.01 Rel Std Dev = 0.11

Zero Order Coef = -161.76

First Order Coef = 1360.95

Second Order Coef = 11.96

Standard Deviation = 5.238001

Pg 1 of 2
8/29/25

Sub

80-001010 *sub*

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0002
0.100	0.100	-0.0001
0.200	0.200	0.0000
0.300	0.300	0.0000

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	0.0002
0.200	0.200	-0.0001
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 = 3149.00
 Sample #2 = 3086.00
 Sample #3 = 3095.00
 Sample #4 = 3152.00
 Average Result = 3111.0000
 STD DEV = 35.7911
 REL STD DEV = 1.150

***** CHANNEL 2

Sample #1 = 3452.00
 Sample #2 = 3437.00
 Sample #3 = 3439.00
 Sample #4 = 3465.00
 Average Result = 3447.0000
 STD DEV = 15.6205
 REL STD DEV = 0.453

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1012
 3 um H2O Adjust (mg/l*10,000) = 698
 9 um H2O Adjust (mg/l*10,000) = 362

**** AUTO CAL PASS

Pg 2 of 2
sub
8/29/25

Post-Calibration Adjustment Stability Checks

80-001010
SUT-8/29/25

0.050 g/210L	0.080 g/210L	0.200 g/210L	DGS 0.080 g/210L
0.047 to 0.053 g/210L	0.077 to 0.083 g/210L	0.194 to 0.206 g/210L	0.077 to 0.083 g/210L
☐	☒	☐	☒
Performed Root Case Analysis	Performed Root Case Analysis	Performed Root Case Analysis	Performed Root Case Analysis
BREUARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 3000 08/21/2025 Software: 8100.27 Test g/210L Time Air Blank 0.000 15:51 Control Test 0.080 15:52 Air Blank 0.010 15:52 Control Test 0.080 15:53 Air Blank 0.010 15:54 Control Test 0.080 15:54 Air Blank 0.010 15:55 Control Test Stats Average 0.0300 Std Dev 0.0000 Rel Std Dev(%) 0.0000 <i>M. J. Selt</i> Operator's Signature	BREUARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 08/21/2025 Software: 8100.27 Test g/210L Time Air Blank 0.000 15:47 Control Test 0.079 15:47 Air Blank 0.000 15:47 Control Test 0.079 15:48 Air Blank 0.000 15:48 Control Test 0.080 15:48 Air Blank 0.000 15:49 Control Test Stats Average 0.0793 Std Dev 0.0006 Rel Std Dev(%) 0.7277 <i>M. J. Selt</i> Operator's Signature	<i>M. J. Selt</i>	BREUARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 08/21/2025 Software: 8100.27 Test g/210L Time Air Blank 0.000 15:47 Control Test 0.079 15:47 Air Blank 0.000 15:47 Control Test 0.079 15:48 Air Blank 0.000 15:48 Control Test 0.080 15:48 Air Blank 0.000 15:49 Control Test Stats Average 0.0793 Std Dev 0.0006 Rel Std Dev(%) 0.7277 <i>M. J. Selt</i> Operator's Signature

* incorrect date - ran 8/29/2025 -> updated time & date SUT

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Robert Wagner on 9/4/2025

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

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001010

Bill To Address:

Brevard County SO

700 S. Park Ave.

Titusville, Florida 32780

Ship to Address:

FDLE Tallahassee

Reason for Return:

Battery change needed - date and time not being maintained

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: Robert Wagner

Phone #: 321-289-6644 Email: robert.wagner@bcso.us

ATP Contact Name: LeAndra Higginbotham ATP Email: LeAndraHigginbotham@fdle.state.fl.us