

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE CITY P.D.

Serial Number: 80-001159

Time of Inspection: 12:27

Date of Inspection: 04/01/2025

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:

BYPASS AI TO OPERATE INSTRUMENT COMPLIANCE NOT DETERMINED

N/A DA 4/1/25

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.



DESTINEE N ARMSTRONG

Signature and Printed Name

04/01/2025

Date

Stability Checks

80-001159

DA

4/1/25

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
04/01/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:41
Control Test	0.046	12:41
Air Blank	0.000	12:42
Control Test	0.047	12:42
Air Blank	0.000	12:43
Control Test	0.049	12:44
Air Blank	0.000	12:44
Control Test Stats		
Average	0.0473	
Std Dev	0.0015	
Rel Std Dev(%)	3.2272	

DA

Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
04/01/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:53
Control Test	0.079	12:53
Air Blank	0.000	12:54
Control Test	0.079	12:54
Air Blank	0.000	12:55
Control Test	0.079	12:56
Air Blank	0.000	12:56
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

DA

Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
04/01/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:59
Control Test	0.196	13:00
Air Blank	0.000	13:00
Control Test	0.196	13:01
Air Blank	0.000	13:02
Control Test	0.196	13:02
Air Blank	0.000	13:03
Control Test Stats		
Average	0.1967	
Std Dev	0.0012	
Rel Std Dev(%)	0.5871	

DA

Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
04/01/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:34
Control Test	0.078	12:34
Air Blank	0.000	12:34
Control Test	0.078	12:35
Air Blank	0.000	12:35
Control Test	0.079	12:36
Air Blank	0.000	12:36
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

DA

Operator's Signature

Optical Bench Calibration Adjustment 80-001159 DA 4/2/25

ORANGE CITY P.D.

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001159

04/02/2025

09:06:27

Auto Calibration

pg 1 of 2

<<<<< 3um >>>>> <<<<< 9um >>>>>

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.1210	(-0.0180)	0.0920	(-0.0190)
Sample #2	0.0860	(0.0090)	0.0750	(-0.0090)
Sample #3	0.0940	(0.0170)	0.0830	(-0.0030)
Sample #4	0.0980	(0.0210)	0.0820	(-0.0090)
Avg % Abs	0.0927	(0.0157)	0.0800	(-0.0070)
STD DEV	0.0061	(0.0061)	0.0044	(0.0035)
REL STD DEV	6.594	(39.001)	5.449	(49.487)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8620	(-0.0270)	1.4440	(0.0000)
Sample #2	0.8420	(-0.0150)	1.4240	(0.0000)
Sample #3	0.8100	(0.0190)	1.4130	(0.0210)
Sample #4	0.8390	(0.0170)	1.4230	(0.0290)
Avg % Abs	0.8303	(0.0070)	1.4200	(0.0167)
STD DEV	0.0177	(0.0191)	0.0061	(0.0150)
REL STD DEV	2.128	(272.554)	0.428	(89.867)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.9010	(-0.0140)	3.3960	(-0.0130)
Sample #2	1.8980	(0.0080)	3.3630	(0.0220)
Sample #3	1.9070	(-0.0060)	3.3750	(0.0060)
Sample #4	1.8960	(0.0210)	3.3690	(0.0120)
Avg % Abs	1.9003	(0.0077)	3.3690	(0.0133)
STD DEV	0.0059	(0.0135)	0.0060	(0.0081)
REL STD DEV	0.308	(176.127)	0.178	(60.622)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.7100	(-0.0100)	6.5630	(-0.0030)
Sample #2	3.6760	(0.0160)	6.4960	(0.0470)
Sample #3	3.6780	(0.0140)	6.5140	(0.0490)
Sample #4	3.6850	(0.0330)	6.5310	(0.0470)
Avg % Abs	3.6797	(0.0210)	6.5137	(0.0477)
STD DEV	0.0047	(0.0104)	0.0175	(0.0012)
REL STD DEV	0.128	(49.716)	0.269	(2.422)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.4040	(-0.0080)	9.5290	(-0.0140)
Sample #2	5.3860	(0.0260)	9.4730	(0.0440)
Sample #3	5.3810	(0.0280)	9.4480	(0.0620)
Sample #4	5.3480	(0.0580)	9.4300	(0.0800)
Avg % Abs	5.3717	(0.0373)	9.4503	(0.0620)
STD DEV	0.0206	(0.0179)	0.0216	(0.0180)
REL STD DEV	0.384	(48.015)	0.229	(29.032)

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 04/02/2025 09:06:27

Auto Calibration

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<<<<<      3um      >>>>>
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Zero Order Coef   -234.46
First Order Coef  2565.90
Second Order Coef  25.24
  
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<<<<<      9um      >>>>>
-----
                -102.96
                1392.00
                13.72
  
```

```

      Act      Fit      Residual
(g/210L) (g/210L) (g/210L)
-----
0.000      0.000     -0.0001
0.040      0.040     -0.0002
0.100      0.099      0.0006
0.200      0.201     -0.0005
0.300      0.300      0.0002
  
```

```

      Act      Fit      Residual
(g/210L) (g/210L) (g/210L)
-----
0.000      0.000     -0.0002
0.040      0.040      0.0001
0.100      0.100      0.0004
0.200      0.200     -0.0005
0.300      0.300      0.0002
  
```

```

<<<<<      3um      >>>>>
-----
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
  
```

Sample #1	3266.00	3523.00
Sample #2	3229.00	3513.00
Sample #3	3239.00	3526.00
Sample #4	3268.00	3525.00
Avg	3245.3333	3521.3333
STD DEV	20.2567	7.2342
REL STD DEV	0.624	0.205
H2O adjust (mg/l*10k)	564	288

Barometric Pressure = 1015

*****CALIBRATION SUCCESSFUL*****

Post-Stabilities

80-001159

DA

4/2/25

ORANGE CITY P.D.

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001159

04/02/2025

Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:35
Control Test	0.050	10:36
Air Blank	0.000	10:36
Control Test	0.050	10:37
Air Blank	0.000	10:38
Control Test	0.049	10:38
Air Blank	0.000	10:39
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	



Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
04/02/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:59
Control Test	0.080	10:59
Air Blank	0.000	11:00
Control Test	0.080	11:01
Air Blank	0.000	11:01
Control Test	0.080	11:02
Air Blank	0.000	11:03
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Wet

DA

Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
04/02/2025
Software: 8100.27

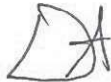
Test	g/210L	Time
Air Blank	0.000	11:07
Control Test	0.200	11:07
Air Blank	0.000	11:08
Control Test	0.199	11:09
Air Blank	0.000	11:09
Control Test	0.199	11:10
Air Blank	0.000	11:10
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	



Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
04/02/2025
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:54
Control Test	0.080	10:54
Air Blank	0.000	10:55
Control Test	0.079	10:55
Air Blank	0.000	10:56
Control Test	0.080	10:56
Air Blank	0.000	10:56
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	DGS
Rel Std Dev(%)	0.7247	



Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE CITY P.D.
Time of Inspection: 12:56

Date of Inspection: 04/02/2025

Serial Number: 80-001159
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#:202406K Exp: 06/19/2026	0.08g/210L Test (g/210L) Lot#:202406L Exp: 06/19/2026	0.20g/210L Test (g/210L) Lot#:202406N Exp: 06/20/2026	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG429602 Exp: 10/22/2026
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.201	0.078
0.000	0.048	0.081	0.201	0.078
0.000	0.050	0.081	0.200	0.078
0.000	0.050	0.080	0.201	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.050	0.080	0.201	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.200	0.077
0.000	0.050	0.080	0.201	0.077

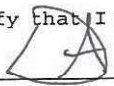
Standard Deviations	0.0006	0.0004	0.0005	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

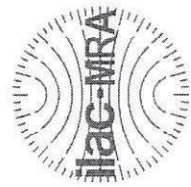
Remarks:

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.

 _____
Signature and Printed Name

04/02/2025
Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001159, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001159</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>ORANGE CITY P.D.</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>04/02/2025</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>12:56</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.

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

DA

04/02/2025

Date

DESTINEE N ARMSTRONG,
Department Inspector

FDLE/ATP Form 69 October 2024
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality