

Agency: ORANGE COUNTY SO **Instrument Serial Number:** 80-001418

Instrument Serial Number: 80-001418

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Issued By: Forensic Quality Manager
Issue Date: December 22, 2025

Stability Checks

80-00 1418

0.050 g/210L 0.047 to 0.053 g/210L	0.080 g/210L 0.077 to 0.083 g/210L	0.200 g/210L 0.194 to 0.206 g/210L	DGS 0.080 g/210L 0.077 to 0.083 g/210L ≤0.003 g/210L of Wet																																																																																																																																																
ORANGE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001418 07/22/2026 Software: 8100.27 <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:16</td></tr> <tr><td>Control Test</td><td>0.050</td><td>13:17</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:18</td></tr> <tr><td>Control Test</td><td>0.048</td><td>13:18</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:19</td></tr> <tr><td>Control Test</td><td>0.048</td><td>13:20</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:20</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0487</td><td></td></tr> <tr><td>Std Dev</td><td>0.0012</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>2.3727</td><td></td></tr> </tbody> </table> Operator Signature	Test	g/210L	Time	Air Blank	0.000	13:16	Control Test	0.050	13:17	Air Blank	0.000	13:18	Control Test	0.048	13:18	Air Blank	0.000	13:19	Control Test	0.048	13:20	Air Blank	0.000	13:20	Control Test Stats			Average	0.0487		Std Dev	0.0012		Rel Std Dev(%)	2.3727		ORANGE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001418 07/22/2026 Software: 8100.27 <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:28</td></tr> <tr><td>Control Test</td><td>0.077</td><td>13:28</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:29</td></tr> <tr><td>Control Test</td><td>0.076</td><td>13:30</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:30</td></tr> <tr><td>Control Test</td><td>0.077</td><td>13:31</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:31</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0767</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7531</td><td></td></tr> </tbody> </table> Operator Signature	Test	g/210L	Time	Air Blank	0.000	13:28	Control Test	0.077	13:28	Air Blank	0.000	13:29	Control Test	0.076	13:30	Air Blank	0.000	13:30	Control Test	0.077	13:31	Air Blank	0.000	13:31	Control Test Stats			Average	0.0767		Std Dev	0.0006		Rel Std Dev(%)	0.7531		ORANGE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001418 07/22/2026 Software: 8100.27 <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:22</td></tr> <tr><td>Control Test</td><td>0.201</td><td>13:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:23</td></tr> <tr><td>Control Test</td><td>0.199</td><td>13:24</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:25</td></tr> <tr><td>Control Test</td><td>0.200</td><td>13:25</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:26</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.2000</td><td></td></tr> <tr><td>Std Dev</td><td>0.0010</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.5000</td><td></td></tr> </tbody> </table> Operator Signature	Test	g/210L	Time	Air Blank	0.000	13:22	Control Test	0.201	13:23	Air Blank	0.000	13:23	Control Test	0.199	13:24	Air Blank	0.000	13:25	Control Test	0.200	13:25	Air Blank	0.000	13:26	Control Test Stats			Average	0.2000		Std Dev	0.0010		Rel Std Dev(%)	0.5000		DGS ORANGE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001418 07/22/2026 Software: 8100.27 <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>13:10</td></tr> <tr><td>Control Test</td><td>0.081</td><td>13:10</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:11</td></tr> <tr><td>Control Test</td><td>0.081</td><td>13:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:12</td></tr> <tr><td>Control Test</td><td>0.080</td><td>13:12</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>13:12</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0807</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7157</td><td></td></tr> </tbody> </table> Operator Signature	Test	g/210L	Time	Air Blank	0.000	13:10	Control Test	0.081	13:10	Air Blank	0.000	13:11	Control Test	0.081	13:11	Air Blank	0.000	13:12	Control Test	0.080	13:12	Air Blank	0.000	13:12	Control Test Stats			Average	0.0807		Std Dev	0.0006		Rel Std Dev(%)	0.7157	
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optical Bench
Adjustment needed

Verified instrument was
able to read gas pressure.

ORANGE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
07/28/2026

SN 80-001418 ✓
09:47:44

SUB

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	0.1930	(-0.0170)		0.3260	(-0.0190)	
Sample #2	0.2000	(0.0060)		0.3120	(-0.0080)	
Sample #3	0.1590	(0.0340)		0.3310	(0.0050)	
Sample #4	0.1450	(0.0770)		0.2990	(0.0100)	
Avg % Abs	0.1680	(0.0390)		0.3140	(0.0023)	
STD DEV	0.0286	(0.0358)		0.0161	(0.0093)	
REL STD DEV	17.014	(91.700)		5.125	(398.210)	

Solution =	0.040 g/210L	or	0.1905 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.8760	(-0.0100)		1.6840	(-0.0110)	
Sample #2	0.8590	(0.0470)		1.6620	(0.0220)	
Sample #3	0.8610	(0.0450)		1.6310	(0.0400)	
Sample #4	0.8500	(0.0640)		1.6380	(0.0430)	
Avg % Abs	0.8567	(0.0520)		1.6437	(0.0350)	
STD DEV	0.0059	(0.0104)		0.0163	(0.0114)	
REL STD DEV	0.684	(20.078)		0.989	(32.451)	

Solution =	0.100 g/210L	or	0.4762 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.9180	(-0.0250)		3.6780	(-0.0220)	
Sample #2	1.8620	(0.0130)		3.6280	(0.0270)	
Sample #3	1.8470	(0.0570)		3.6130	(0.0350)	
Sample #4	1.8670	(0.0670)		3.6130	(0.0500)	
Avg % Abs	1.8587	(0.0457)		3.6180	(0.0373)	
STD DEV	0.0104	(0.0287)		0.0087	(0.0117)	
REL STD DEV	0.560	(62.909)		0.239	(31.275)	

Solution =	0.200 g/210L	or	0.9524 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	3.5730	(-0.0160)		6.8370	(-0.0070)	
Sample #2	3.5140	(0.0350)		6.7740	(0.0510)	
Sample #3	3.5230	(0.0670)		6.7650	(0.0970)	
Sample #4	3.5070	(0.0880)		6.7550	(0.0800)	
Avg % Abs	3.5147	(0.0633)		6.7647	(0.0760)	
STD DEV	0.0080	(0.0267)		0.0095	(0.0233)	
REL STD DEV	0.228	(42.141)		0.140	(30.604)	

Solution =	0.300 g/210L	or	1.4286 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	5.1850	(-0.0290)		9.8210	(-0.0080)	
Sample #2	5.1390	(0.0320)		9.7410	(0.0770)	
Sample #3	5.1170	(0.0470)		9.7620	(0.0890)	
Sample #4	5.1100	(0.0570)		9.7360	(0.0930)	
Avg % Abs	5.1220	(0.0453)		9.7463	(0.0863)	
STD DEV	0.0151	(0.0126)		0.0138	(0.0083)	
REL STD DEV	0.295	(27.757)		0.142	(9.645)	

ORANGE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418 ✓
07/28/2026 09:47:44

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
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Zero Order Coef	-469.97			-426.78	
First Order Coef	2767.35			1389.20	
Second Order Coef	22.10			12.30	
-----			-----		
Act	Fit	Residual	Act	Fit	Residual
(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)
0.000	-0.000	0.0001	0.000	0.000	-0.0002
0.040	0.040	-0.0003	0.040	0.040	0.0003
0.100	0.100	0.0003	0.100	0.100	0.0000
0.200	0.200	-0.0001	0.200	0.200	-0.0002
0.300	0.300	0.0000	0.300	0.300	0.0001
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<<<<< 3um >>>>>		<<<<< 9um >>>>>	
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Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	2954.00		2918.00
Sample #2	2965.00		2982.00
Sample #3	2968.00		2957.00
Sample #4	3032.00		3005.00
Avg	2988.3333		2981.3333
STD DEV	37.8462		24.0069
REL STD DEV	1.266		0.805
H2O adjust (mg/l*10k)	821		828

Barometric Pressure = 1008

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

✓ Suf

Post Optical Bench Adjustment Stability Checks 80-001418 Sub

0.050 g/210L 0.047 to 0.053 g/210L	0.080 g/210L 0.077 to 0.083 g/210L	0.200 g/210L 0.194 to 0.206 g/210L	DGS 0.080 g/210L 0.077 to 0.083 g/210L ≤0.003 g/210L of Wet																																																																																																																																																
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Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	10:53																																																																																																																																																	
Control Test	0.080	10:54																																																																																																																																																	
Air Blank	0.000	10:54																																																																																																																																																	
Control Test	0.079	10:55																																																																																																																																																	
Air Blank	0.000	10:56																																																																																																																																																	
Control Test	0.079	10:56																																																																																																																																																	
Air Blank	0.000	10:57																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.0793																																																																																																																																																		
Std Dev	0.0006																																																																																																																																																		
Rel Std Dev(%)	0.7277																																																																																																																																																		
Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	11:05																																																																																																																																																	
Control Test	0.200	11:06																																																																																																																																																	
Air Blank	0.000	11:06																																																																																																																																																	
Control Test	0.199	11:07																																																																																																																																																	
Air Blank	0.000	11:08																																																																																																																																																	
Control Test	0.199	11:08																																																																																																																																																	
Air Blank	0.000	11:09																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.1993																																																																																																																																																		
Std Dev	0.0006																																																																																																																																																		
Rel Std Dev(%)	0.2896																																																																																																																																																		
Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	11:13																																																																																																																																																	
Control Test	0.080	11:13																																																																																																																																																	
Air Blank	0.000	11:14																																																																																																																																																	
Control Test	0.080	11:14																																																																																																																																																	
Air Blank	0.000	11:14																																																																																																																																																	
Control Test	0.080	11:15																																																																																																																																																	
Air Blank	0.000	11:15																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.0800																																																																																																																																																		
Std Dev	0.0000																																																																																																																																																		
Rel Std Dev(%)	0.0000																																																																																																																																																		

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY SO
Time of Inspection: 15:39

Date of Inspection: 07/31/2026

Serial Number: 80-001418
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#:202603A Exp: 03/03/2028	0.08g/210L Test (g/210L) Lot#:202603B Exp: 03/03/2028	0.20g/210L Test (g/210L) Lot#:202603D Exp: 03/04/2028	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:23825080A1 Exp: 10/05/2027
0.000	0.050	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.050	0.078	0.200	0.079
0.000	0.049	0.078	0.199	0.078
0.000	0.050	0.078	0.200	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.049	0.078	0.200	0.078
0.000	0.050	0.079	0.200	0.078
0.000	0.049	0.078	0.199	0.078

Standard Deviations	0.0005	0.0004	0.0005	0.0006
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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.


LEANDRA HIGGINBOTHAM
Signature and Printed Name

07/31/2026
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 80-001418, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001418</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>07/31/2026</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:39</u>	0.200 g/ 210 L	0.008
		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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07/31/2026

Date


LEANDRA HIGGINBOTHAM,
Department Inspector