



# INSTRUMENT PROCESSING SHEET

Agency Flagler Co. SO

S/N 80-006616

Florida Department of  
Law Enforcement

Date In 12/15/2021 DI Completion Date 12/15/2021

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By RAW	Quality Checks	By RAW	Date 12/15/21	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 checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable  Notes: <u>Same Day inspection -RAW,</u> <u>12/15/21.</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>222</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP105</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.175</u> (.156 - .190) 53 mm <u>.246</u> (.228 - .278) 103 mm <u>.527</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>30793</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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Calibration Adjustment	By RAW	Department Inspection	By RAW																																																												
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Notes/Suggested Service: <u>Completed optical bench</u> <u>calibration due to .003 agreement not being reached</u> <u>during stability checks and more than 1% difference</u> <u>during barometric pressure reading. Performed extra</u> <u>stability after tightening lid on .08 wet bath simulator</u> <u>for additional stability reading. All values were nominal</u> <u>post optical bench calibration.-RAW, 12/15/21</u> Tech Review: <u>Updated barometric pressure gauge serial #</u> <u>RAW, 12/16/21</u>		<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use  Israel Soto <small>Digitally signed by Israel Soto Date: 2021.12.16 07:07:24 +05'00'</small> <u>2021.12.1</u> <u>6 13:10:03</u> Tech Review / Date <u>12/15/21</u> Admin Review / Date <u>12/16/21</u>																																																													

FLAGLER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006616  
12/15/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:19
Control Test	0.048	12:20
Air Blank	0.000	12:20
Control Test	0.048	12:21
Air Blank	0.000	12:22
Control Test	0.048	12:22
Air Blank	0.000	12:23
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

pre

.05

RAW

Operator's Signature

FLAGLER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006616  
12/15/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.078	12:24
Air Blank	0.000	12:25
Control Test	0.077	12:26
Air Blank	0.000	12:26
Control Test	0.078	12:27
Air Blank	0.000	12:27
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

pre

.08 wet #1

RAW

Operator's Signature

FLAGLER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006616  
12/15/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:29
Control Test	0.195	12:30
Air Blank	0.000	12:30
Control Test	0.195	12:31
Air Blank	0.000	12:31
Control Test	0.195	12:32
Air Blank	0.000	12:33
Control Test Stats		
Average	0.1950	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Pre

.20

RAW

Operator's Signature

FLAGLER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006616  
12/15/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:38
Control Test	0.082	12:39
Air Blank	0.000	12:39
Control Test	0.081	12:40
Air Blank	0.000	12:40
Control Test	0.081	12:40
Air Blank	0.000	12:41
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

pre

DGS .08

RAW 12/15/21

RAW

Operator's Signature

FLAGLER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006616  
12/15/2021  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:44
Control Test	0.078	12:45
Air Blank	0.000	12:46
Control Test	0.078	12:46
Air Blank	0.000	12:47
Control Test	0.078	12:48
Air Blank	0.000	12:48
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

pre

.08 wet #2

RAW

Operator's Signature

Pre-cal

Stability Checks

80-006616

12/15/21

RAW

FLAGLER COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006616  
12/15/2021 13:04:35

Auto Calibration  
Max Power Res Value = 38  
Auto Range Res Value = 17

Sol Value = 0.000 g/210L \*\*\*  
Fit value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12381, 9um Io = 12956

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0570	(-0.0090)
Sample #2 =	0.0650	(0.0310)
Sample #3 =	0.0440	(0.0850)
Sample #4 =	0.0310	(0.0950)
Avg % Abs =	0.0467	(0.0703)
STD DEV =	0.0172	(0.0344)
REL STD DEV =	36.763	(48.951)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1480	(-0.0130)
Sample #2 =	0.1440	(-0.0060)
Sample #3 =	0.1190	(0.0210)
Sample #4 =	0.1270	(0.0270)
Avg % Abs =	0.1300	(0.0140)
STD DEV =	0.0128	(0.0176)
REL STD DEV =	9.821	(125.560)

Sol Value = 0.040 g/210L \*\*\*  
Fit value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12360, 9um Io = 12949

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7530	(-0.0170)
Sample #2 =	0.7140	(0.0220)
Sample #3 =	0.7530	(0.0150)
Sample #4 =	0.7420	(0.0420)
Avg % Abs =	0.7363	(0.0263)
STD DEV =	0.0201	(0.0140)
REL STD DEV =	2.731	(53.210)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5410	(0.0030)
Sample #2 =	1.5310	(0.0130)
Sample #3 =	1.5420	(0.0070)
Sample #4 =	1.5310	(0.0180)
Avg % Abs =	1.5347	(0.0127)
STD DEV =	0.0064	(0.0055)
REL STD DEV =	0.414	(43.481)

Sol Value = 0.100 g/210L \*\*\*  
Fit value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12352, 9um Io = 12942

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7970	(-0.0190)
Sample #2 =	1.7640	(0.0080)
Sample #3 =	1.7670	(0.0220)
Sample #4 =	1.7920	(0.0130)
Avg % Abs =	1.7743	(0.0143)
STD DEV =	0.0154	(0.0071)
REL STD DEV =	0.866	(49.497)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5590	(-0.0210)
Sample #2 =	3.5300	(-0.0070)
Sample #3 =	3.5460	(-0.0080)
Sample #4 =	3.5710	(-0.0170)
Avg % Abs =	3.5490	(-0.0107)
STD DEV =	0.0207	(0.0055)
REL STD DEV =	0.582	(51.633)

Sol Value = 0.200 g/210L \*\*\*  
Fit value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12344, 9um Io = 12940

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4500	(-0.0080)
Sample #2 =	3.4670	(-0.0080)
Sample #3 =	3.4540	(0.0050)
Sample #4 =	3.4940	(-0.0110)
Avg % Abs =	3.4717	(-0.0047)
STD DEV =	0.0204	(0.0085)
REL STD DEV =	0.588	(182.248)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7620	(0.0040)
Sample #2 =	6.7650	(-0.0040)
Sample #3 =	6.7680	(0.0010)
Sample #4 =	6.7990	(-0.0170)
Avg % Abs =	6.7773	(-0.0067)
STD DEV =	0.0188	(0.0093)
REL STD DEV =	0.278	(139.374)

Optical Bench Cal  
Pt-1 12/15/21

80-006616

RAW

Sol Value = 0.300 g/210L \*\*\*  
Fit value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
3um Io = 12342, 9um Io = 12938

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1040	(-0.0080)
Sample #2 =	5.1040	(0.0080)
Sample #3 =	5.1250	(0.0030)
Sample #4 =	5.0900	(0.0220)
Avg % Abs =	5.1063	(0.0110)
STD DEV =	0.0176	(0.0098)
REL STD DEV =	0.345	(89.535)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8340	(-0.0110)
Sample #2 =	9.8160	(0.0200)
Sample #3 =	9.8330	(-0.0020)
Sample #4 =	9.8190	(0.0090)
Avg % Abs =	9.8227	(0.0090)
STD DEV =	0.0091	(0.0110)
REL STD DEV =	0.092	(122.222)

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

<<<< CHANNEL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.047  
Std Dev = 0.02 Rel Std Dev = 36.76  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.736  
Std Dev = 0.02 Rel Std Dev = 2.73  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.774  
Std Dev = 0.02 Rel Std Dev = 0.87  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.472  
Std Dev = 0.02 Rel Std Dev = 0.59  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.106  
Std Dev = 0.02 Rel Std Dev = 0.34  
Zero Order Coef = -112.29  
First Order Coef = 2701.16  
Second Order Coef = 22.93  
Standard Deviation = 14.903009

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.130  
Std Dev = 0.01 Rel Std Dev = 9.82  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.535  
Std Dev = 0.01 Rel Std Dev = 0.41  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.549  
Std Dev = 0.02 Rel Std Dev = 0.58  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.777  
Std Dev = 0.02 Rel Std Dev = 0.28  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.823  
Std Dev = 0.01 Rel Std Dev = 0.09  
Zero Order Coef = -177.93  
First Order Coef = 1342.53  
Second Order Coef = 13.21  
Standard Deviation = 6.736102

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0003
0.100	0.100	0.0002
0.200	0.200	-0.0004
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	0.0001
0.040	0.040	-0.0002
0.100	0.100	0.0002
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 = 3490.00  
 Sample #2 = 3468.00  
 Sample #3 = 3472.00  
 Sample #4 = 3479.00  
 Average Result = 3473.0000  
 STD DEV = 5.5678  
 REL STD DEV = 0.160

\*\*\*\*\*

\*\*\*\*\* CHANNEL 2

Sample #1 = 3333.00  
 Sample #2 = 3289.00  
 Sample #3 = 3289.00  
 Sample #4 = 3295.00  
 Average Result = 3291.0000  
 STD DEV = 3.4641  
 REL STD DEV = 0.105

\*\*\*\*\*

Dry Gas H2O Adjust Results \*\*\*\*\*  
 Barometric Pressure = 1023  
 3 um H2O Adjust (mg/l\*10,000) = 336  
 9 um H2O Adjust (mg/l\*10,000) = 518  
 \*\*\*\* AUTO CAL PASS

Optical Bench Pt. 2

+

Post Cal Stability  
 checks

12-15-21 (RAW)

80-006616

FLAGLER COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006616  
 12/15/2021  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:52
Control Test	0.049	13:52
Air Blank	0.000	13:53
Control Test	0.049	13:54
Air Blank	0.000	13:54
Control Test	0.048	13:55
Air Blank	0.000	13:55
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

(RAW)

Operator's Signature

FLAGLER COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006616  
 12/15/2021  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:58
Control Test	0.079	13:59
Air Blank	0.000	13:59
Control Test	0.078	14:00
Air Blank	0.000	14:00
Control Test	0.078	14:01
Air Blank	0.000	14:02
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

.08  
 wet  
 Post

(RAW)

Operator's Signature

FLAGLER COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006616  
 12/15/2021  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:02
Control Test	0.199	14:03
Air Blank	0.000	14:04
Control Test	0.198	14:04
Air Blank	0.000	14:05
Control Test	0.199	14:06
Air Blank	0.000	14:06
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

.20  
 Post

(RAW)

FLAGLER COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006616  
 12/15/2021  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:10
Control Test	0.080	14:10
Air Blank	0.000	14:10
Control Test	0.080	14:11
Air Blank	0.000	14:11
Control Test	0.080	14:12
Air Blank	0.000	14:12
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Post  
 .08  
 DGS

(RAW)

Operator's Signature

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FLAGLER COUNTY SO

Time of Inspection: 15:54

Date of Inspection: 12/15/2021

Serial Number: 80-006616

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#:AG113403 Exp: 05/14/2023
/ 0.000	0.049	0.078	0.199	0.081
/ 0.000	0.050	0.078	0.199	0.081
/ 0.000	0.049	0.078	0.199	0.081
/ 0.000	0.049	0.078	0.198	0.081
/ 0.000	0.049	0.078	0.198	0.081
/ 0.000	0.050	0.078	0.198	0.081
/ 0.000	0.049	0.078	0.198	0.081
/ 0.000	0.049	0.078	0.198	0.081
/ 0.000	0.050	0.078	0.198	0.081
/ 0.000	0.049	0.078	0.198	0.081

Standard Deviations	0.0004	0.0000	0.0004	0.0000
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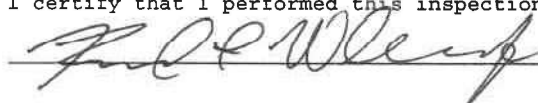
Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

**Remarks:**

A F / M A: Range Exceeded. TOO MUCH MA, RAW, 12/15/21. 00: Ambient Fail, DETACHED SIM CHECKED SEAL A-ND REATTACHED.. **RAW, 12/15/21**

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.



RICHARD A WILLIAMS

Signature and Printed Name

12/15/2021  
Date





# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
2729 Fort Knox Blvd.  
Bldg. 2, Suite 1300  
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006616, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006616</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>FLAGLER COUNTY SO</u>	0.050 g/ 210 L 0.005
Calibration Date:	<u>12/15/2021</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>15:54</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  $\pm 0.005$  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.

**Richard A Williams**  
Digitally signed by Richard A Williams  
Date: 2021.12.15 17:01:04 -05'00'

12/15/2021

Date

RICHARD A WILLIAMS,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality