



Agency Cocoa PD

S/N 80-001260

Date In 09/24/2024 DI Completion Date 10/9/2024

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By DA

Barometric Pressure Gauge 1005 ID # 30793

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: First .200 stability fell outside
of acceptable ranges, ensured connections were
secure and repeated stability. 10/02/2024 ALL

Failed voltage/current post diagnostic check. Ran a diagnostic test and repeated the inspection. DA

Tech review: Corrected lot number for post-stability DGS. DA
10/15/24

Department Inspection

By DA

Barometric Pressure ID# 28662

Gauge 1008/1007	<u>Instrument 1007/1007</u>
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Mouth Alcohol Solution Lot # 2024-A

Acetone Stock Solution Lot # 2023-B

Attachments

- | | |
|--|---|
| ☒ Form 41
☒ Stability Checks
☒ Calibration Certificate
☒ Calibration Adjustment | ☒ Post-Stability Checks
☐ Flow Calibration
☐ Form 40
☒ Other Diagnostic Test |
|--|---|

- ☒ 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

Phil Nicodemo Digitally signed by Phil Nicodemo
Date: 2024.10.15 09:03:01 -04'00'

Tech Review / Date

Shayla

Date: 2024.10.15

Date: 2024.10.15

~~11:25:07 04'00'~~

review / Date

Stability Checks 80-1260 10/02/24

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:50
Control Test	0.051	11:50
Air Blank	0.000	11:51
Control Test	0.049	11:51
Air Blank	0.000	11:52
Control Test	0.050	11:53
Air Blank	0.000	11:53
Control Test Stats		
Average	0.0500	
Std Dev	0.0010	
Rel Std Dev(%)	2.0000	

AZ

Operator's Signature

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:55
Control Test	0.080	11:56
Air Blank	0.000	11:56
Control Test	0.079	11:57
Air Blank	0.000	11:57
Control Test	0.079	11:58
Air Blank	0.000	11:59
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Wet

AZ

Operator's Signature

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:05
Control Test	0.191	12:06
Air Blank	0.000	12:06
Control Test	0.192	12:07
Air Blank	0.000	12:08
Control Test	0.200	12:08
Air Blank	0.000	12:09
Control Test Stats		
Average	0.1943	
Std Dev	0.0049	
Rel Std Dev(%)	2.5384	

AZ

Operator's Signature

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:01
Control Test	0.199	12:01
Air Blank	0.000	12:02
Control Test	0.197	12:02
Air Blank	0.000	12:03
Control Test	0.192	12:04
Air Blank	0.000	12:04
Control Test Stats		
Average	0.1960	
Std Dev	0.0036	
Rel Std Dev(%)	1.8396	

AZ

Operator's Signature

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:11
Control Test	0.079	12:11
Air Blank	0.000	12:11
Control Test	0.079	12:12
Air Blank	0.000	12:12
Control Test	0.080	12:13
Air Blank	0.000	12:13
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

AZ

Operator's Signature

COCOA PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001260
 10/08/2024 13:16:33

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	0.0830	(-0.0200)	0.1080	(-0.0090)	
Sample #2	0.0750	(0.0120)	0.1220	(-0.0030)	
Sample #3	0.0630	(0.0240)	0.1320	(-0.0050)	
Sample #4	0.0490	(0.0620)	0.0880	(0.0310)	
Avg % Abs	0.0623	(0.0327)	0.1140	(0.0077)	
STD DEV	0.0130	(0.0261)	0.0231	(0.0202)	
REL STD DEV	20.876	(79.905)	20.233	(263.896)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.8070	(-0.0100)	1.4510	(-0.0080)	
Sample #2	0.7800	(0.0170)	1.4530	(0.0000)	
Sample #3	0.8080	(0.0370)	1.4760	(0.0050)	
Sample #4	0.7980	(0.0470)	1.4800	(0.0080)	
Avg % Abs	0.7953	(0.0337)	1.4697	(0.0043)	
STD DEV	0.0142	(0.0153)	0.0146	(0.0040)	
REL STD DEV	1.784	(45.372)	0.991	(93.264)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.8740	(-0.0120)	3.4600	(-0.0150)	
Sample #2	1.8550	(0.0390)	3.4200	(0.0100)	
Sample #3	1.8860	(0.0420)	3.5150	(0.0040)	
Sample #4	1.8930	(0.0780)	3.5420	(0.0050)	
Avg % Abs	1.8780	(0.0530)	3.4923	(0.0063)	
STD DEV	0.0202	(0.0217)	0.0641	(0.0032)	
REL STD DEV	1.077	(40.948)	1.835	(50.756)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.6410	(-0.0150)	6.6480	(-0.0030)	
Sample #2	3.6290	(0.0000)	6.6660	(-0.0060)	
Sample #3	3.6460	(0.0230)	6.6900	(-0.0110)	
Sample #4	3.6120	(0.0360)	6.6610	(0.0110)	
Avg % Abs	3.6290	(0.0197)	6.6723	(-0.0020)	
STD DEV	0.0170	(0.0182)	0.0155	(0.0115)	
REL STD DEV	0.468	(92.695)	0.232	(576.628)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.3790	(-0.0170)	9.7600	(-0.0180)	
Sample #2	5.3460	(-0.0130)	9.7310	(-0.0090)	
Sample #3	5.3240	(0.0270)	9.7250	(0.0170)	
Sample #4	5.3520	(0.0370)	9.7440	(0.0060)	
Avg % Abs	5.3407	(0.0170)	9.7333	(0.0047)	
STD DEV	0.0147	(0.0265)	0.0097	(0.0131)	
REL STD DEV	0.276	(155.632)	0.100	(279.668)	

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/08/2024 13:16:33

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
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Zero Order Coef			Zero Order Coef		
-164.38			-151.84		
First Order Coef			First Order Coef		
2584.63			1372.16		
Second Order Coef			Second Order Coef		
22.76			11.44		
-----			-----		
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	-0.0001
0.040	0.040	-0.0000	0.040	0.040	0.0003
0.100	0.100	-0.0002	0.100	0.100	-0.0004
0.200	0.200	0.0002	0.200	0.200	0.0002
0.300	0.300	-0.0001	0.300	0.300	-0.0000
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<<<<< 3um >>>>>		<<<<< 9um >>>>>	
-----		-----	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	3386.00	3451.00	
Sample #2	3292.00	3434.00	
Sample #3	3435.00	3490.00	
Sample #4	3353.00	3443.00	
Avg	3360.0000	3455.6667	
STD DEV	71.7565	30.0721	
REL STD DEV	2.136	0.870	
H2O adjust (mg/l*10k)	449	354	

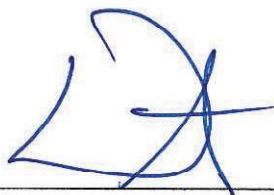
Barometric Pressure = 1005

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

Stability Checks (Post-Stability) 10/8/24 DA

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:16
Control Test	0.050	14:17
Air Blank	0.000	14:17
Control Test	0.049	14:18
Air Blank	0.000	14:19
Control Test	0.048	14:19
Air Blank	0.000	14:20
Control Test Stats		
Average	0.0490	
Std Dev	0.0010	
Rel Std Dev(%)	2.0408	



Operator's Signature

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:22
Control Test	0.078	14:23
Air Blank	0.000	14:23
Control Test	0.078	14:24
Air Blank	0.000	14:24
Control Test	0.078	14:25
Air Blank	0.000	14:26
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

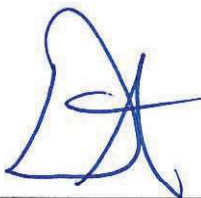
Wet



Operator's Signature

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:27
Control Test	0.198	14:28
Air Blank	0.000	14:28
Control Test	0.199	14:29
Air Blank	0.000	14:29
Control Test	0.199	14:30
Air Blank	0.000	14:31
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

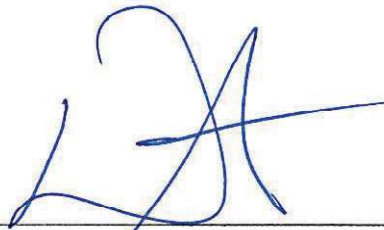


Operator's Signature

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:33
Control Test	0.079	14:33
Air Blank	0.000	14:34
Control Test	0.079	14:34
Air Blank	0.000	14:34
Control Test	0.078	14:35
Air Blank	0.000	14:35
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS



Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COCOA PD
Time of Inspection: 13:14

Date of Inspection: 10/09/2024

Serial Number: 80-001260
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		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG310901 Exp: 04/19/2025
0.000	0.047	0.078	0.199	0.079
0.000	0.048	0.080	0.199	0.079
0.000	0.048	0.079	0.199	0.079
0.000	0.047	0.079	0.199	0.078
0.000	0.047	0.080	0.199	0.078
0.000	0.048	0.079	0.199	0.078
0.000	0.048	0.080	0.199	0.079
0.000	0.048	0.080	0.199	0.079
0.000	0.048	0.080	0.200	0.078
0.000	0.048	0.080	0.199	0.078

Standard Deviations	0.0004	0.0007	0.0003	0.0005
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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

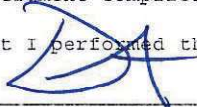
Remarks:

VOLTAGE/CURRENT FAIL DURING DIAGNOSTIC CHECK FAILED DIAGNOSTIC CHECK.

Instrument failed post diagnostic. Ran additional diagnostic test and will repeat inspection. DA 10/9/24

The above instrument complies () does not comply (X) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



DESTINEE N ARMSTRONG

Signature and Printed Name

10/09/2024
Date

Diagnostic Check Test 80-001260 10/9/24 DA

COCOA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
10/09/2024
Software: 8100.27

DIAGNOSTICS

Voltage/Current Test	OK
RAM Test	OK
EEPROM Checksum Test	OK
Real Time Clock Test	OK
DSP Test	OK
Analytical Stability Test	OK
Internal Printer Test	OK
Modem Test	OK
Temperature Regulation Test	OK

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COCOA PD
Time of Inspection: 14:46

Date of Inspection: 10/09/2024

Serial Number: 80-001260
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG325603 Exp: 09/13/2025
0.000	0.048	0.078	0.191	0.079
0.000	0.050	0.077	0.192	0.079
0.000	0.047	0.078	0.192	0.078
0.000	0.046	0.078	0.192	0.079
0.000	0.047	0.077	0.192	0.078
0.000	0.047	0.078	0.192	0.078
0.000	0.046	0.079	0.199	0.079
0.000	0.047	0.078	0.198	0.078
0.000	0.047	0.078	0.198	0.078
0.000	0.047	0.078	0.199	0.079

Standard Deviations	0.0011	0.0005	0.0034	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0013 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.

DESTINEE N ARMSTRONG

Signature and Printed Name

10/09/2024
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 80-001260, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001260</u>	Serial Number:	<u>80-001260</u>
Owning Agency:	<u>COCOA PD</u>	UNCERTAINTY* $\pm$	0.050 g/ 210 L
Calibration Date:	<u>10/09/2024</u>		0.080 g/ 210 L
Calibration Time:	<u>14:46</u>		0.200 g/ 210 L
			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.

Destinee Armstrong
Digitally signed by Destinee Armstrong
Date: 2024.10.10 07:29:50 -04'00'

10/09/2024

Date

DESTINEE N ARMSTRONG,
Department Inspector

FDLE/ATP Form 69 October 2024

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality