



Agency Titusville PD

S/N 80-000996

Date In 08-08-2023 DI Completion Date 8/14/2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By BSBarometric Pressure Gauge 1013 ID # 30793

■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: Stability check had failed 8/8/23,
calibration adjustment was needed, then a new
department inspection. (BS 8/11/23)
Calibration adjustment, post calibration stability checks,
and new department inspection performed. (BS 8/14/23)
Tech review: Check box to Conduct an Agency Inspection
Before Evidentiary Use. Inspection barometric pressure
values reflect second inspection; first inspection pressures
are not recorded. (BS 8/16/23)

Department Inspection

By BSBarometric Pressure ID# 28421Gauge 1014 Instrument 1014Mouth Alcohol Solution Lot # 2022-A

Acetone Stock Solution Lot # 2022-B

Attachments

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

- ☒ 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

Israel Soto Digitally signed by Israel Soto
Date: 2023.08.16 15:58:36 -04'00'

Tech Review / Date

Phil Nicodemo

Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: TITUSVILLE PD
Time of Inspection: 11:32

Date of Inspection: 08/11/2023

Serial Number: 80-000996
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#:06723080A5 Exp: 04/05/2025
0.000	0.051	0.079	0.198	0.000 / 0.076
0.000	0.051	0.079	0.198	0.000 / 0.076
0.000	0.051	0.079	0.198	0.000 / 0.076
0.000	0.050	0.079	0.199	0.000 / 0.076
0.000	0.051	0.079	0.199	0.000 / 0.076
0.000	0.051	0.079	0.199	0.000 / 0.076
0.000	0.051	0.079	0.199	0.000 / 0.076
0.000	0.051	0.079	0.199	0.000 / 0.076
0.000	0.052	0.080	0.199	0.000 / 0.076
0.000	0.051	0.079	0.200	0.000 / 0.076
0.000	0.051	0.079	0.199	0.000 / 0.076
Standard Deviations	0.0004	0.0003	0.0006	0.0000 / 0.0000

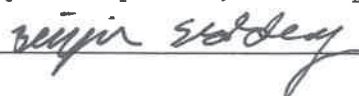
Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

08: Control Outside Tolerance, TANK PRESSURE LOW, REPLACED .

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.


 BENJAMIN W SIDDOWAY
 Signature and Printed Name
 08/11/2023
 Date

Stability Checks

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:12
Control Test	0.051	15:13
Air Blank	0.000	15:14
Control Test	0.050	15:14
Air Blank	0.090	15:15
Control Test	0.050	15:16
Air Blank	0.000	15:16
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	


Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:21
Control Test	0.079	15:22
Air Blank	0.000	15:22
Control Test	0.078	15:23
Air Blank	0.000	15:24
Control Test	0.078	15:24
Air Blank	0.000	15:25
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	


Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:28
Control Test	0.198	15:29
Air Blank	0.000	15:29
Control Test	0.198	15:30
Air Blank	0.000	15:30
Control Test	0.198	15:31
Air Blank	0.000	15:32
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:39
Control Test	0.074	15:40
Air Blank	0.000	15:40
Control Test	0.074	15:41
Air Blank	0.000	15:41
Control Test	0.074	15:42
Air Blank	0.000	15:42
Control Test Stats		
Average	0.0740	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS


Operator's Signature

TITUSVILLE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000996
 08/14/2023 08:30:08

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	0.1460	(-0.0120)	0.1180	(-0.0090)	
Sample #2	0.1400	(0.0180)	0.1420	(-0.0100)	
Sample #3	0.1000	(0.0660)	0.0870	(0.0220)	
Sample #4	0.1220	(0.0640)	0.1340	(0.0090)	
Avg % Abs	0.1207	(0.0493)	0.1210	(0.0070)	
STD DEV	0.0200	(0.0272)	0.0297	(0.0161)	
REL STD DEV	16.602	(55.042)	24.558	(229.907)	
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.8970	(-0.0110)	1.5370	(0.0040)	
Sample #2	0.8500	(0.0520)	1.5260	(0.0370)	
Sample #3	0.9050	(0.0440)	1.5510	(0.0290)	
Sample #4	0.8830	(0.0950)	1.5480	(0.0520)	
Avg % Abs	0.8793	(0.0637)	1.5417	(0.0393)	
STD DEV	0.0277	(0.0274)	0.0137	(0.0117)	
REL STD DEV	3.148	(43.082)	0.885	(29.685)	
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	2.0890	(-0.0240)	3.6870	(-0.0070)	
Sample #2	2.0070	(0.0450)	3.6170	(0.0480)	
Sample #3	2.0000	(0.0680)	3.5930	(0.0650)	
Sample #4	2.0540	(0.0540)	3.6250	(0.0620)	
Avg % Abs	2.0203	(0.0557)	3.6117	(0.0583)	
STD DEV	0.0294	(0.0116)	0.0167	(0.0091)	
REL STD DEV	1.454	(20.821)	0.461	(15.555)	
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.9100	(-0.0180)	6.9640	(-0.0180)	
Sample #2	3.8710	(0.0480)	6.8900	(0.0680)	
Sample #3	3.8050	(0.0980)	6.8640	(0.0890)	
Sample #4	3.8650	(0.0780)	6.8710	(0.0840)	
Avg % Abs	3.8470	(0.0747)	6.8750	(0.0803)	
STD DEV	0.0365	(0.0252)	0.0135	(0.0110)	
REL STD DEV	0.949	(33.705)	0.196	(13.655)	
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.6550	(0.0000)	10.1010	(-0.0270)	
Sample #2	5.6490	(0.0400)	10.0370	(0.0630)	
Sample #3	5.6100	(0.0920)	10.0050	(0.0870)	
Sample #4	5.6380	(0.0800)	9.9850	(0.1000)	
Avg % Abs	5.6323	(0.0707)	10.0090	(0.0833)	
STD DEV	0.0201	(0.0272)	0.0262	(0.0188)	
REL STD DEV	0.357	(38.529)	0.262	(22.525)	

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/14/2023 08:30:08

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -293.50
First Order Coef 2465.47
Second Order Coef 21.91

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.040	0.040	0.0003
0.100	0.100	-0.0003
0.200	0.200	0.0002
0.300	0.300	-0.0000

<<<< 9um >>>>

-165.69
1325.33
11.89

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0001
0.040	0.040	-0.0000
0.100	0.100	-0.0003
0.200	0.200	0.0003
0.300	0.300	-0.0001

<<<< 3um >>>>

<<<< 9um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample

Sample #1	3006.00	3167.00
Sample #2	2981.00	3177.00
Sample #3	3006.00	3201.00
Sample #4	3001.00	3143.00
Avg	2996.0000	3173.6667
STD DEV	13.2288	29.1433
REL STD DEV	0.442	0.918
H2O adjust (mg/l*10k)	813	636

Barometric Pressure = 1013

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

Benjamin Stobley

Post Calibration Adjustment Stability Checks

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.050	09:43
Air Blank	0.000	09:43
Control Test	0.049	09:44
Air Blank	0.000	09:44
Control Test	0.050	09:45
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:07
Control Test	0.080	10:07
Air Blank	0.000	10:08
Control Test	0.079	10:09
Air Blank	0.000	10:09
Control Test	0.079	10:10
Air Blank	0.000	10:10
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:18
Control Test	0.199	10:19
Air Blank	0.000	10:19
Control Test	0.198	10:20
Air Blank	0.000	10:21
Control Test	0.198	10:21
Air Blank	0.000	10:22
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

Benjamin Siddle
Operator's Signature

Benjamin Siddle
Operator's Signature

Benjamin Siddle
Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000996
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:28
Control Test	0.081	10:29
Air Blank	0.000	10:29
Control Test	0.081	10:29
Air Blank	0.000	10:30
Control Test	0.080	10:30
Air Blank	0.000	10:31
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

Benjamin Siddle
Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: TITUSVILLE PD

Time of Inspection: 13:44

Date of Inspection: 08/14/2023

Serial Number: 80-000996

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#:06723080A5 Exp: 04/05/2025
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	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	0.079	0.198	0.081
0.000	0.050	0.079	0.198	0.082
0.000	0.049	0.079	0.199	0.082
0.000	0.049	0.078	0.198	0.082
0.000	0.049	0.078	0.198	0.082

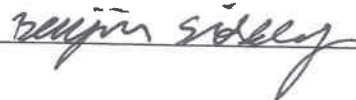
Standard Deviations	0.0003	0.0005	0.0004	0.0007
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.



BENJAMIN W SIDDOWAY
Signature and Printed Name

08/14/2023
Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000996 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000996</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>TITUSVILLE PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>08/14/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:44</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.

08/14/2023 Date Benji Siddoway
BENJAMIN W SIDDOWAY,
Department Inspector

FDLE/ATP Form 69 March 2022
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality