



INSTRUMENT PROCESSING SHEET

Agency Florida Fish and Wildlife ConservationS/N 80-000891Florida Department of
Law EnforcementDate In 02-06-2023 DI Completion Date 02-10-2023☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date <u>02-08-2023</u>	Flow Calibration	By	Date																																								
☒ Annual ☐ Registration ☐ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☒ Power cord ☐ Printer Cable ☐ Static Bag ☐ 12V DC Cable Notes: <u>Agency Inspector</u> <u>indicated that instrument was not</u> <u>printing the Agency Inspection.</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>171</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.164</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.511</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</u> ☒ Stability Checks			☐ Flow Column # _____ ☐ 5L/min – 17mm ☐ 15L/min – 53mm ☐ 30L/min – 103mm ☐ R-Value _____ ☐ 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 PN		Department Inspection			By IS																																								
Barometric Pressure Gauge <u>1014</u> ID # <u>28427</u>				Barometric Pressure ID# <u>30793</u> Gauge <u>1015</u> Instrument <u>1014</u> Mouth Alcohol Solution Lot # <u>2022-A</u> Acetone Stock Solution Lot # <u>2022-B</u>																																											
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Notes/Suggested Service: <u>Instrument lost forms. Forms</u> <u>uploaded by CMI remotely via phone line.</u> <u>Wet 0.080 g/210L Stability Check out of nominal range.</u> <u>Optical Bench Calibration Adjustment performed. IS</u>				☒ 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																																											
				Taylor Gutschow 13:09:45 Tech Review / Date			Admin Review / Date																																								

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FFWCC

Time of Inspection: 12:16

Date of Inspection: 02/10/2023

Serial Number: 80-000891

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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG229803 Exp: 10/25/2024
0.000	0.049	0.079	0.196	0.079
0.000	0.049	0.078	0.198	0.079
0.000	0.050	0.079	0.197	0.079
0.000	0.049	0.079	0.197	0.078
0.000	0.049	0.081	0.199	0.079
0.000	0.051	0.079	0.197	0.080
0.000	0.049	0.078	0.198	0.077
0.000	0.050	0.080	0.198	0.078
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.078	0.198	0.080

Standard Deviations	0.0007	0.0009	0.0011	0.0009
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0009 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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

02/10/2023
Date

Stability Checks

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006891
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:27
Control Test	0.047	13:28
Air Blank	0.000	13:28
Control Test	0.048	13:29
Air Blank	0.000	13:30
Control Test	0.047	13:30
Air Blank	0.000	13:31
Control Test Stats		
Average	0.0473	
Std Dev	0.0006	
Rel Std Dev(%)	1.2198	

Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006891
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:33
Control Test	0.079	13:34
Air Blank	0.000	13:34
Control Test	0.076	13:35
Air Blank	0.000	13:35
Control Test	0.077	13:36
Air Blank	0.000	13:37
Control Test Stats		
Average	0.0779	
Std Dev	0.0010	
Rel Std Dev(%)	1.2987	

Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006891
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:38
Control Test	0.198	13:39
Air Blank	0.000	13:40
Control Test	0.197	13:40
Air Blank	0.000	13:41
Control Test	0.198	13:42
Air Blank	0.000	13:42
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006891
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:44
Control Test	0.580	13:44
Air Blank	0.000	13:45
Control Test	0.080	13:45
Air Blank	0.000	13:46
Control Test	0.080	13:46
Air Blank	0.000	13:47
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

Dry



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 80-000891, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000891</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FFWCC</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/10/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:16</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.

Israel Soto
Soto
Date: 2023.02.10
13:21:57 -05'00'

02/10/2023

Date

ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000891
02/10/2023 07:54:58

Optical Bench Calibration Adjustment

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	0.1220	(-0.0210)	0.1390	(-0.0260)
Sample #2	0.1140	(0.0260)	0.1840	(-0.0120)
Sample #3	0.1580	(0.0370)	0.0990	(0.0390)
Sample #4	0.1160	(0.1180)	0.1870	(-0.0100)
Avg % Abs	0.1293	(0.0603)	0.1567	(0.0057)
STD DEV	0.0248	(0.0502)	0.0500	(0.0289)
REL STD DEV	19.211	(83.275)	31.891	(509.732)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8600	(-0.0220)	1.6540	(-0.0740)
Sample #2	0.8270	(0.0060)	1.5350	(0.0210)
Sample #3	0.8210	(0.0310)	1.5820	(-0.0050)
Sample #4	0.8120	(0.0710)	1.5480	(0.0390)
Avg % Abs	0.8200	(0.0360)	1.5550	(0.0183)
STD DEV	0.0075	(0.0328)	0.0243	(0.0221)
REL STD DEV	0.921	(91.076)	1.561	(120.659)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8640	(-0.0120)	3.7770	(0.0390)
Sample #2	1.8360	(0.0030)	3.6490	(0.0460)
Sample #3	1.8520	(0.0340)	3.7390	(0.0600)
Sample #4	1.8420	(0.0250)	3.6220	(0.0920)
Avg % Abs	1.8433	(0.0207)	3.6700	(0.0660)
STD DEV	0.0081	(0.0159)	0.0613	(0.0236)
REL STD DEV	0.438	(77.167)	1.669	(35.727)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.5240	(0.0000)	6.9740	(-0.0010)
Sample #2	3.5320	(0.0130)	6.9270	(0.0290)
Sample #3	3.5240	(0.0080)	6.9270	(0.0680)
Sample #4	3.5210	(0.0370)	7.0140	(0.0130)
Avg % Abs	3.5257	(0.0193)	6.9560	(0.0367)
STD DEV	0.0057	(0.0155)	0.0502	(0.0283)
REL STD DEV	0.161	(80.186)	0.722	(77.155)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.1490	(-0.0220)	10.1060	(-0.0660)
Sample #2	5.1620	(-0.0120)	10.1960	(-0.0950)
Sample #3	5.1350	(-0.0080)	10.0520	(-0.0610)
Sample #4	5.1300	(0.0280)	10.0740	(-0.0390)
Avg % Abs	5.1423	(0.0027)	10.1073	(-0.0650)
STD DEV	0.0172	(0.0220)	0.0776	(0.0282)
REL STD DEV	0.335	(826.136)	0.767	(43.405)

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000891
02/10/2023 07:54:58

Optical Bench Calibration Adjustment


Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -343.93
First Order Coef 2716.47
Second Order Coef 24.75

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.040	0.0001
0.100	0.100	0.0003
0.200	0.200	-0.0004
0.300	0.300	0.0001

<<<< 9um >>>>

-194.55
1313.80
11.77

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.039	0.0006
0.100	0.100	-0.0005
0.200	0.200	0.0002
0.300	0.300	-0.0000

<<<< 3um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1 2963.00
Sample #2 2910.00
Sample #3 2944.00
Sample #4 3001.00
Avg 2951.6667
STD DEV 45.9819
REL STD DEV 1.558
H2O adjust (mg/l*10k) 858

<<<< 9um >>>>

3196.00
3138.00
3208.00
3136.00
3160.6667
41.0041
1.297
649

Barometric Pressure = 1014

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

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000891
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:05
Control Test	0.049	09:06
Air Blank	0.000	09:07
Control Test	0.048	09:07
Air Blank	0.000	09:08
Control Test	0.049	09:08
Air Blank	0.000	09:09
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	


Operator's Signature

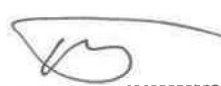
FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000891
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:10
Control Test	0.080	09:11
Air Blank	0.000	09:11
Control Test	0.080	09:12
Air Blank	0.000	09:13
Control Test	0.078	09:13
Air Blank	0.000	09:14
Control Test Stats		
Average	0.0793	
Std Dev	0.0012	
Rel Std Dev(%)	1.4555	


Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000891
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:15
Control Test	0.198	09:16
Air Blank	0.000	09:17
Control Test	0.197	09:17
Air Blank	0.000	09:18
Control Test	0.200	09:19
Air Blank	0.000	09:19
Control Test Stats		
Average	0.1983	
Std Dev	0.0015	
Rel Std Dev(%)	0.7702	


Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000891
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:21
Control Test	0.082	09:21
Air Blank	0.000	09:22
Control Test	0.079	09:22
Air Blank	0.000	09:23
Control Test	0.079	09:23
Air Blank	0.000	09:23
Control Test Stats		
Average	0.0800	
Std Dev	0.0017	
Rel Std Dev(%)	2.1651	

D65


Operator's Signature

POST STABILITY CHECKS

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FFWCC

Time of Inspection: 12:58

Date of Inspection: 02/08/2023

Serial Number: 80-000891

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:

TESTING FORM UPLOAD

The above instrument complies (n/A) 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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

02/08/2023

Date