



INSTRUMENT PROCESSING SHEET

Agency Florida Fish and Wildlife Conservation Commission S/N 80-000905Florida Department of
Law EnforcementDate In 2/6/2023 DI Completion Date 02-13-2023 ☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By PN	Quality Checks	By PN	Date <u>2/8/2023</u>	Flow Calibration	By PN	Date <u>2/8/2023</u>																												
☒ 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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>170</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 105</u> 32 mm <u>.136*</u> (.139 - .169) 36 mm <u>.152*</u> (.156 - .190) 53 mm <u>.226*</u> (.228 - .278) 103 mm <u>.500</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</u> ☒ Stability Checks			Flow Column # <u>ATP 102</u> ☒ 5L/min – 17mm ☒ 15L/min – 53mm ☒ 30L/min – 103mm ☒ R-Value <u>170</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP 105</u> 32 mm <u>.156</u> (.139 - .169) 36 mm <u>.167</u> (.156 - .190) 53 mm <u>.242</u> (.228 - .278) 103 mm <u>.515</u> (.447 - .547)																														
		<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP5088</td><td>202201C 01/11/2024</td></tr><tr><td>0.080</td><td>MP5089</td><td>202201D 01/18/2024</td></tr><tr><td>0.200</td><td>MP5090</td><td>202201E 01/18/2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG229803 10/25/2024</td></tr></tbody></table>			Simulator	Serial #	Lot #/Exp	0.050	MP5088	202201C 01/11/2024	0.080	MP5089	202201D 01/18/2024	0.200	MP5090	202201E 01/18/2024	0.080 DGS	N/A	AG229803 10/25/2024	Maintenance By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ _____ _____ _____ _____ _____															
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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>																															
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Notes/Suggested Service: <u>Wet 0.080 g/210L Stability</u> <u>Check outside nominal range. Optical Bench Calibration</u> <u>Adjustment was performed. IS 02-13-2023</u> _____ _____ Tech Review: Added initials to Notes/Suggested Service note. IS 02-13-2023 _____ _____ _____				☒ 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 2023.02. 15 13:20:04 Taylor Gutschow Tech Review / Date Digitally signed by Taylor Gutschow Date: 2023.02.13 14:34:55 -05'00' Admin Review / Date																															

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FFWCC

Time of Inspection: 09:18

Date of Inspection: 02/13/2023

Serial Number: 80-000905

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	0.051	0.081	0.205	0.082
0.000	0.051	0.081	0.205	0.081
0.000	0.050	0.080	0.205	0.081
0.000	0.051	0.081	0.204	0.081
0.000	0.052	0.080	0.205	0.081
0.000	0.051	0.080	0.204	0.081
0.000	0.051	0.081	0.204	0.081
0.000	0.051	0.081	0.204	0.081
0.000	0.051	0.080	0.204	0.081
0.000	0.050	0.081	0.204	0.081

Standard Deviations	0.0005	0.0005	0.0005	0.0003
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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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

02/13/2023

Date

STABILITY CHECKS

PH

FFUCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:18
Control Test	0.048	14:19
Air Blank	0.000	14:20
Control Test	0.048	14:20
Air Blank	0.000	14:21
Control Test	0.047	14:22
Air Blank	0.000	14:22
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

Operator's Signature

FFUCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:23
Control Test	0.077	14:24
Air Blank	0.000	14:25
Control Test	0.077	14:25
Air Blank	0.000	14:26
Control Test	0.076	14:27
Air Blank	0.000	14:27
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

Operator's Signature

FFUCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:29
Control Test	0.198	14:30
Air Blank	0.000	14:31
Control Test	0.195	14:31
Air Blank	0.000	14:32
Control Test	0.196	14:33
Air Blank	0.000	14:33
Control Test Stats		
Average	0.1963	
Std Dev	0.0015	
Rel Std Dev(%)	0.7780	

Operator's Signature

FFUCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:34
Control Test	0.078	14:34
Air Blank	0.000	14:35
Control Test	0.080	14:35
Air Blank	0.000	14:36
Control Test	0.080	14:36
Air Blank	0.000	14:36
Control Test Stats		
Average	0.0793	
Std Dev	0.0012	
Rel Std Dev(%)	1.4555	

Operator's Signature

D6S



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 80-000905, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000905</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FFWCC</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/13/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:18</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: 2023.02.13 09:27:28
-05'00'

02/13/2023

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 80-000905
02/10/2023 12:45:37

Optical Bench Calibration

Adjustment

P

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 0.0570 (-0.0070) 0.1000 (-0.0070)
Sample #2 0.1030 (-0.0020) 0.1190 (0.0000)
Sample #3 0.0540 (0.0160) 0.0530 (0.0280)
Sample #4 0.0720 (-0.0020) 0.1360 (-0.0310)
Avg % Abs 0.0763 (0.0040) 0.1027 (-0.0010)
STD DEV 0.0248 (0.0104) 0.0438 (0.0295)
REL STD DEV 32.470 (259.808) 42.706 (2951.272)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.8410 (-0.0380) 1.5370 (0.0100)
Sample #2 0.8090 (-0.0060) 1.5460 (0.0150)
Sample #3 0.8150 (0.0220) 1.5130 (0.0430)
Sample #4 0.8320 (0.0020) 1.5170 (0.0370)
Avg % Abs 0.8187 (0.0060) 1.5253 (0.0317)
STD DEV 0.0119 (0.0144) 0.0180 (0.0147)
REL STD DEV 1.457 (240.370) 1.181 (46.554)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 1.9450 (-0.0090) 3.6760 (0.0040)
Sample #2 1.9250 (0.0290) 3.6120 (0.0630)
Sample #3 1.9520 (-0.0010) 3.6150 (0.0340)
Sample #4 1.9060 (0.0310) 3.6120 (0.0630)
Avg % Abs 1.9277 (0.0197) 3.6130 (0.0533)
STD DEV 0.0231 (0.0179) 0.0017 (0.0167)
REL STD DEV 1.199 (91.148) 0.048 (31.393)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 3.7280 (-0.0220) 7.0120 (-0.0040)
Sample #2 3.6720 (0.0650) 6.9050 (0.0980)
Sample #3 3.6660 (0.0570) 6.9040 (0.1130)
Sample #4 3.6650 (0.0770) 6.9110 (0.1010)
Avg % Abs 3.6677 (0.0663) 6.9067 (0.1040)
STD DEV 0.0038 (0.0101) 0.0038 (0.0079)
REL STD DEV 0.103 (15.176) 0.055 (7.632)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.4160 (-0.0130) 10.1480 (-0.0080)
Sample #2 5.3600 (0.0800) 10.0250 (0.1460)
Sample #3 5.3450 (0.0920) 10.0020 (0.1620)
Sample #4 5.4050 (0.0120) 10.0780 (0.0660)
Avg % Abs 5.3700 (0.0613) 10.0350 (0.1247)
STD DEV 0.0312 (0.0431) 0.0390 (0.0514)
REL STD DEV 0.581 (70.342) 0.388 (41.256)

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/10/2023 12:45:37

*Optical Bench Calibration
Adjustment*

(Signature)

Auto Calibration

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<<<< 3um >>>>

Zero Order Coef -194.67
First Order Coef 2524.40
Second Order Coef 32.33

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0000
0.040	0.040	0.0002
0.100	0.101	-0.0006
0.200	0.199	0.0005
0.300	0.300	-0.0002

<<<< 9um >>>>

-131.73
1311.05
12.52

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

<<<< 3um >>>>

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

Sample #1	3247.00
Sample #2	3223.00
Sample #3	3293.00
Sample #4	3216.00
Avg	3244.0000
STD DEV	42.5793
REL STD DEV	1.313
H2O adjust (mg/l*10k)	565

<<<< 9um >>>>

3386.00
3384.00
3408.00
3397.00
3396.3333
12.0139
0.354
413

Barometric Pressure = 1013

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

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:01
Control Test	0.049	14:02
Air Blank	0.000	14:03
Control Test	0.049	14:03
Air Blank	0.000	14:04
Control Test	0.050	14:05
Air Blank	0.000	14:05
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	



Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/10/2023
Software: 8100.27

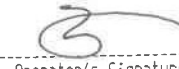
Test	g/210L	Time
Air Blank	0.000	14:06
Control Test	0.079	14:07
Air Blank	0.000	14:08
Control Test	0.080	14:08
Air Blank	0.000	14:09
Control Test	0.079	14:10
Air Blank	0.000	14:10
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	



Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.204	14:13
Air Blank	0.000	14:13
Control Test	0.201	14:14
Air Blank	0.000	14:15
Control Test	0.202	14:15
Air Blank	0.000	14:16
Control Test Stats		
Average	0.2023	
Std Dev	0.0015	
Rel Std Dev(%)	0.7550	



Operator's Signature

FFWCC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000905
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:19
Control Test	0.079	14:19
Air Blank	0.000	14:20
Control Test	0.080	14:20
Air Blank	0.000	14:21
Control Test	0.080	14:21
Air Blank	0.000	14:21
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

P65



Operator's Signature

Post Statistic Checks


FLOW CALIBRATION

FFWCC

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-000905

02/08/2023

Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 6.781

2: Rate (Liters/min) = 15

SQRT(Diff)) = 11.488

3: Rate (Liters/min) = 30

SQRT(Diff)) = 21.094

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 672

Rounded Intercept = -589431

Correlation = 0.99679

