



INSTRUMENT PROCESSING SHEET

Agency St John's County Sheriff's OfficeS/N 80-001655Florida Department of
Law EnforcementDate In 2/8/2023DI Completion Date 02-10-2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By PN	Quality Checks	By PN	Date <u>2/9/2023</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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>197</u> ☒ Flow 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>.246</u> (.228 - .278) 103 mm <u>.519</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</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)																														
		<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																		
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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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☒ Post Calibration Adjustment Stability Checks				<table border="1"><thead><tr><th>Simulator</th><th>Serial Number</th></tr></thead><tbody><tr><td>0.000</td><td>MP5086</td></tr><tr><td>Interferent</td><td>MP5087</td></tr><tr><td>0.050</td><td>MP5088</td></tr><tr><td>0.080</td><td>MP5089</td></tr><tr><td>0.200</td><td>MP5090</td></tr></tbody></table>			Simulator	Serial Number	0.000	MP5086	Interferent	MP5087	0.050	MP5088	0.080	MP5089	0.200	MP5090			Attachments														
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Notes/Suggested Service: <u>Wet and dry 0.080 g/210L</u> <u>Stability Checks outside nominal range. Optical Bench</u> <u>Calibration Adjustment performed. IS</u> Tech Review: <u>Checked Calibration Adjustment box under Attachments. IS 02-13-2023</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 Tech Review / Date			13:22:46 Admin Review / Date																												

STABILITY CHECKS

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001655
02/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:55
Control Test	0.048	12:56
Air Blank	0.000	12:56
Control Test	0.048	12:57
Air Blank	0.000	12:57
Control Test	0.047	12:58
Air Blank	0.000	12:59
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.212	


Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001655
02/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:06
Control Test	0.077	13:06
Air Blank	0.000	13:07
Control Test	0.076	13:08
Air Blank	0.000	13:08
Control Test	0.076	13:09
Air Blank	0.000	13:09
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	


Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001655
02/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:20
Control Test	0.199	13:21
Air Blank	0.000	13:21
Control Test	0.197	13:22
Air Blank	0.000	13:22
Control Test	0.197	13:23
Air Blank	0.000	13:24
Control Test Stats		
Average	0.1977	
Std Dev	0.0012	
Rel Std Dev(%)	0.5842	


Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001655
02/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:25
Control Test	0.072	13:25
Air Blank	0.000	13:25
Control Test	0.072	13:26
Air Blank	0.000	13:26
Control Test	0.072	13:27
Air Blank	0.000	13:27
Control Test Stats		
Average	0.0720	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS


Operator's Signature

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST JOHNS COUNTY SO
Time of Inspection: 17:06

Date of Inspection: 02/10/2023

Serial Number: 80-001655
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	0.078	0.201	0.080
0.000	0.048	0.078	0.201	0.080
0.000	0.050	0.078	0.201	0.080
0.000	0.049	0.078	0.201	0.079
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.077	0.201	0.080
0.000	0.049	0.078	0.201	0.080
0.000	0.050	0.078	0.201	0.079
0.000	0.049	0.078	0.201	0.079
0.000	0.050	0.078	0.201	0.079

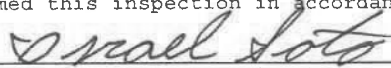
Standard Deviations	0.0006	0.0003	0.0003	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

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

Signature and Printed Name

02/10/2023
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 80-001655, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001655</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>ST. JOHNS COUNTY SO</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>17:06</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
Digitally signed by Israel
Date: 2023.02.10
17:13:50 -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

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001655
02/10/2023 12:46:40

*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 0.0970 (-0.0110) 0.0940 (-0.0120)
Sample #2 0.0940 (0.0440) 0.0760 (0.0090)
Sample #3 0.0960 (0.0530) 0.0870 (0.0130)
Sample #4 0.0750 (0.0610) 0.0700 (0.0150)
Avg % Abs 0.0883 (0.0527) 0.0777 (0.0123)
STD DEV 0.0116 (0.0085) 0.0086 (0.0031)
REL STD DEV 13.121 (16.149) 11.101 (24.771)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.7970 (-0.0150) 1.4780 (-0.0070)
Sample #2 0.7850 (0.0340) 1.4570 (0.0110)
Sample #3 0.7770 (0.0470) 1.4730 (0.0160)
Sample #4 0.7870 (0.0240) 1.4560 (0.0200)
Avg % Abs 0.7830 (0.0350) 1.4620 (0.0157)
STD DEV 0.0053 (0.0115) 0.0095 (0.0045)
REL STD DEV 0.676 (32.950) 0.652 (28.782)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 1.8570 (-0.0130) 3.5190 (-0.0110)
Sample #2 1.8390 (0.0450) 3.5310 (0.0280)
Sample #3 1.8300 (0.0460) 3.5010 (0.0530)
Sample #4 1.8440 (0.0680) 3.5010 (0.0740)
Avg % Abs 1.8377 (0.0530) 3.5110 (0.0517)
STD DEV 0.0071 (0.0130) 0.0173 (0.0230)
REL STD DEV 0.386 (24.528) 0.493 (44.572)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 3.5690 (-0.0150) 6.7830 (-0.0130)
Sample #2 3.5360 (0.0520) 6.6910 (0.0870)
Sample #3 3.5190 (0.0460) 6.6860 (0.0970)
Sample #4 3.5010 (0.0870) 6.6970 (0.0970)
Avg % Abs 3.5187 (0.0617) 6.6913 (0.0937)
STD DEV 0.0175 (0.0221) 0.0055 (0.0058)
REL STD DEV 0.497 (35.908) 0.082 (6.164)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.2100 (-0.0100) 9.8050 (-0.0030)
Sample #2 5.1370 (0.0880) 9.7170 (0.1160)
Sample #3 5.1080 (0.0990) 9.6890 (0.1440)
Sample #4 5.1060 (0.1090) 9.6850 (0.1410)
Avg % Abs 5.1170 (0.0987) 9.6970 (0.1337)
STD DEV 0.0173 (0.0105) 0.0174 (0.0154)
REL STD DEV 0.339 (10.646) 0.180 (11.501)

Optical Bench Calibration
Adjustment

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001655
02/10/2023 12:46:40

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -213.49
First Order Coef 2638.23
Second Order Coef 37.91

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0004
0.040	0.039	0.0006
0.100	0.100	-0.0000
0.200	0.200	-0.0003
0.300	0.300	0.0001

<<<< 9um >>>>

-96.01
1333.64
15.42

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.040	0.0004
0.100	0.100	-0.0003
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	3036.00	3335.00
Sample #2	2946.00	3310.00
Sample #3	3117.00	3384.00
Sample #4	3117.00	3338.00
Avg	3060.0000	3344.0000
STD DEV	98.7269	37.3631
REL STD DEV	3.226	1.117
H2O adjust (mg/l*10k)	749	465

Barometric Pressure = 1012

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

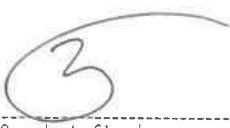
ST JOHNS COUNTY SC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001655
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:57
Control Test	0.049	13:57
Air Blank	0.000	13:58
Control Test	0.049	13:59
Air Blank	0.000	13:59
Control Test	0.049	14:00
Air Blank	0.000	14:00
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

ST JOHNS COUNTY SC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001655
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:02
Control Test	0.079	14:03
Air Blank	0.000	14:04
Control Test	0.077	14:04
Air Blank	0.000	14:05
Control Test	0.078	14:06
Air Blank	0.000	14:06
Control Test Stats		
Average	0.0780	
Std Dev	0.0010	
Rel Std Dev(%)	1.2821	


Operator's Signature

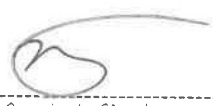
ST JOHNS COUNTY SC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001655
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:08
Control Test	0.203	14:08
Air Blank	0.000	14:09
Control Test	0.201	14:09
Air Blank	0.000	14:10
Control Test	0.200	14:11
Air Blank	0.000	14:11
Control Test Stats		
Average	0.2013	
Std Dev	0.0015	
Rel Std Dev(%)	0.7587	


Operator's Signature

ST JOHNS COUNTY SC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001655
02/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:14
Control Test	0.080	14:14
Air Blank	0.000	14:15
Control Test	0.080	14:15
Air Blank	0.000	14:15
Control Test	0.081	14:16
Air Blank	0.000	14:16
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DGS

Operator's Signature

Post stability
checks
