

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: Jacksonville SO

Serial Number: 80-001083

Time of Inspection:

Date of Inspection: N/A

Software:

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK			Date and/or Time Adjusted		
Minimum Sample Volume Check: OK			Barometric Pressure Sensor Check: OK		
Alcohol Free Subject Test: 0.000			Mouth Alcohol Test: Slope Not Met		
Interferent Detect Test: Interferent Detect			Diagnostic Check (Post-Inspection): OK		

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:

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

Remarks:

As of 12/27/24, instrument is out for repair so unable to perform 2024 Department Inspection.

N/A - Compliance not determined 12/27/24 DA

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 Armstrong

Signature and Printed Name

12/27/2024

Date



INSTRUMENT PROCESSING SHEET

Agency Jacksonville SOS/N 80-001083Florida Department of
Law EnforcementDate In 09/05/2024 DI Completion Date _____☐ Ship ☐ P/U ☐ H/D ☒ CMI ☐ EE

Intake By <u>ALL</u> Date <u>09/05/2024</u>		Quality Checks By <u>ALL</u> Date <u>09/12/2024</u>		Flow Calibration By <u>DA</u> Date <u>9/20/24</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>116</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>.125</u> (.139 - .169) 36 mm <u>.132</u> (.156 - .190) 53 mm <u>.199</u> (.228 - .278) 103 mm <u>.334</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28662</u> ☒ Stability Checks <table border="1" style="width:100%"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP5088</td><td>202303K 03/29/2025</td></tr><tr><td>0.080</td><td>MP6292</td><td>202303L 03/29/2025</td></tr><tr><td>0.200</td><td>MP5090</td><td>202304C 04/05/2025</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>06723080A5 04/05/2025</td></tr></tbody></table>		Simulator	Serial #	Lot #/Exp	0.050	MP5088	202303K 03/29/2025	0.080	MP6292	202303L 03/29/2025	0.200	MP5090	202304C 04/05/2025	0.080 DGS	N/A	06723080A5 04/05/2025	Flow Column # <u>ATP102</u> ☒ 5L/min – 17mm ☒ 15L/min – 53mm ☒ 30L/min – 103mm ☒ R-Value <u>116</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547) Maintenance By _____ Date _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ _____ _____ _____																																																
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Notes/Suggested Service: <u>Repeated initial stability check after low values 09/12/2024 ALL</u> <u>Ran a diagnostic check accidentally 9/20/24 DA</u> <u>Instrument underwent a calibration adjustment and</u> <u>ethanol measurements remained outside of the nominal</u> <u>range. Recommending repair. DA 9/20/24</u> _____ _____																																																																			

Stability checks 80-001083

09/12/24

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/12/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:44
Control Test	0.031	11:45
Air Blank	0.000	11:45
Control Test	0.030	11:46
Air Blank	0.000	11:47
Control Test	0.030	11:47
Air Blank	0.000	11:48
Control Test Stats		
Average	0.0303	
Std Dev	0.0006	
Rel Std Dev(%)	1.9034	

Operator's Signature

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/12/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:50
Control Test	0.024	11:51
Air Blank	0.000	11:52
Control Test	0.024	11:52
Air Blank	0.000	11:53
Control Test	0.024	11:54
Air Blank	0.000	11:54
Control Test Stats		
Average	0.0240	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/12/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:55
Control Test	0.054	11:56
Air Blank	0.000	11:57
Control Test	0.054	11:57
Air Blank	0.000	11:58
Control Test	0.056	11:59
Air Blank	0.000	11:59
Control Test Stats		
Average	0.0547	
Std Dev	0.0012	
Rel Std Dev(%)	2.1123	

Operator's Signature

Wet

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/12/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:00
Control Test	0.179	12:01
Air Blank	0.000	12:01
Control Test	0.180	12:02
Air Blank	0.000	12:03
Control Test	0.180	12:03
Air Blank	0.000	12:04
Control Test Stats		
Average	0.1797	
Std Dev	0.0006	
Rel Std Dev(%)	0.3213	

Operator's Signature

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/12/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:08
Control Test	0.080	12:09
Air Blank	0.000	12:09
Control Test	0.079	12:09
Air Blank	0.000	12:10
Control Test	0.080	12:10
Air Blank	0.000	12:11
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

065

Optical Bench Calibration Adjustment 9/20/24 DA

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/20/2024 12:20:35

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	0.0540	(-0.0150)		0.0230	(-0.0300)	
Sample #2	0.0490	(-0.0100)		0.0510	(-0.0360)	
Sample #3	0.0450	(0.0180)		0.0320	(-0.0250)	
Sample #4	0.0370	(0.0260)		0.0410	(-0.0240)	
Avg % Abs	0.0437	(0.0113)		0.0413	(-0.0283)	
STD DEV	0.0061	(0.0189)		0.0095	(0.0067)	
REL STD DEV	13.993	(166.793)		22.994	(23.500)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.3240	(-0.0210)		0.5860	(-0.0090)	
Sample #2	0.3820	(-0.0330)		0.6150	(-0.0240)	
Sample #3	0.3540	(-0.0290)		0.6160	(-0.0120)	
Sample #4	0.3540	(-0.0290)		0.6030	(-0.0260)	
Avg % Abs	0.3633	(-0.0303)		0.6113	(-0.0207)	
STD DEV	0.0162	(0.0023)		0.0072	(0.0076)	
REL STD DEV	4.449	(7.613)		1.183	(36.638)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.6710	(-0.0070)		1.2410	(-0.0190)	
Sample #2	0.6770	(0.0060)		1.2340	(-0.0190)	
Sample #3	0.7090	(-0.0160)		1.2380	(-0.0230)	
Sample #4	0.6950	(-0.0200)		1.2510	(-0.0270)	
Avg % Abs	0.6937	(-0.0100)		1.2410	(-0.0230)	
STD DEV	0.0160	(0.0140)		0.0089	(0.0040)	
REL STD DEV	2.313	(140.000)		0.716	(17.391)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.7940	(-0.0200)		3.2500	(-0.0010)	
Sample #2	1.7740	(0.0000)		3.2330	(0.0020)	
Sample #3	1.7120	(0.0220)		3.1860	(0.0050)	
Sample #4	1.7790	(0.0030)		3.2480	(0.0110)	
Avg % Abs	1.7550	(0.0083)		3.2223	(0.0060)	
STD DEV	0.0373	(0.0119)		0.0323	(0.0046)	
REL STD DEV	2.127	(143.164)		1.004	(76.376)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	2.1370	(-0.0210)		3.9220	(-0.0160)	
Sample #2	2.1590	(-0.0110)		3.9610	(-0.0040)	
Sample #3	2.1830	(0.0230)		4.0180	(0.0000)	
Sample #4	2.1640	(0.0150)		3.9900	(0.0000)	
Avg % Abs	2.1687	(0.0090)		3.9897	(-0.0013)	
STD DEV	0.0127	(0.0178)		0.0285	(0.0023)	
REL STD DEV	0.584	(197.515)		0.714	(173.205)	

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/20/2024 12:20:35

Auto Calibration

pg 2 of 2

<<<< 3um >>>>			<<<< 9um >>>>		
-----			-----		
Zero Order Coef	94.38		226.46		
First Order Coef	5059.49		2753.55		
Second Order Coef	545.79		151.36		
-----			-----		
Act	Fit	Residual	Act	Fit	Residual
(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)
0.000	0.007	-0.0066	0.000	0.007	-0.0072
0.040	0.042	-0.0021	0.040	0.041	-0.0013
0.100	0.081	0.0188	0.100	0.081	0.0186
0.200	0.224	-0.0238	0.200	0.224	-0.0241
0.300	0.286	0.0137	0.300	0.286	0.0139
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<<<< 3um >>>>		<<<< 9um >>>>	
-----		-----	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	7865.00	8469.00	
Sample #2	7729.00	8457.00	
Sample #3	7951.00	8496.00	
Sample #4	7789.00	8511.00	
Avg	7823.0000	8488.0000	
STD DEV	114.8390	27.8747	
REL STD DEV	1.468	0.328	
H2O adjust (mg/l*10k)	-4013	-4678	

Barometric Pressure = 1009

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

Flow Calibration Adjustment 9/20/24 DA

JACKSONVILLE SO

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001083

09/20/2024

Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 5.566

2: Rate (Liters/min) = 15

SQRT(Diff)) = 10.816

3: Rate (Liters/min) = 30

SQRT(Diff)) = 20.516

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 647

Rounded Intercept = -370860

Correlation = 0.99848

Post-Stability Checks 80-001083 9/20/24 DA

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/20/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:39
Control Test	0.040	13:40
Air Blank	0.000	13:40
Control Test	0.040	13:41
Air Blank	0.000	13:41
Control Test	0.042	13:42
Air Blank	0.000	13:43
Control Test Stats		
Average	0.0407	
Std Dev	0.0012	
Rel Std Dev(%)	2.8394	



Operator's Signature

Post-Stability Check 80-001083 9/20/24 DA

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/20/2024
Software: 8100.27

Test	g/210L	Time

Air Blank	0.000	13:43
Control Test	0.082	13:44
Air Blank	0.000	13:45
Control Test	0.082	13:45
Air Blank	0.000	13:46
Control Test	0.080	13:47
Air Blank	0.000	13:47
Control Test Stats		
Average	0.0813	
Std Dev	0.0012	
Rel Std Dev(%)	1.4197	

Wet



Operator's Signature

Post-Stability Check 80-001083 9/20/24 DA

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/20/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:49
Control Test	0.121	13:49
Air Blank	0.000	13:50
Control Test	0.121	13:50
Air Blank	0.000	13:51
Control Test	0.118	13:52
Air Blank	0.000	13:52
Control Test Stats		
Average	0.1200	
Std Dev	0.0017	
Rel Std Dev(%)	1.4434	



Operator's Signature

Post-Stability Check 80-001083 9/20/24 DA

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/20/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:53
Control Test	0.080	13:54
Air Blank	0.000	13:54
Control Test	0.082	13:54
Air Blank	0.000	13:55
Control Test	0.080	13:55
Air Blank	0.000	13:56
Control Test Stats		
Average	0.0807	
Std Dev	0.0012	
Rel Std Dev(%)	1.4314	

DGS



Operator's Signature

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Michael Potter on 9/20/24

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: 116

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001083

Bill To Address:

Jacksonville SO

Attn: Michael Potter

Ship to Address:

FDLE Off-Site Mail Facility

c/o Florida Department of Law Enforcement

Alcohol Testing Program

813 B Lake Bradford Rd

Tallahassee, FL 32304

Reason for Return:

Instrument failed stability checks with low ethanol measurements. Performed an optical
bench calibration adjustment and ethanol concentrations remained outside of our
acceptable ranges. I have attached the optical bench calibration adjustments and the pre
and post stability ethanol measurements.

Please choose one of the following options:

- ☐ 1. I _____, authorize all repairs.
- ☐ 2. I _____, authorize repairs up to \$_____.
- ☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Michael Potter

Phone #: 904-630-5723 Email: michael.potter@jaxsheriff.org

ATP Contact Name: Destinee Armstrong ATP Email: destinee.armstrong@fdle.state.fl.us

Diagnostic Check 80-001083

9/20/24 DA

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
09/20/2024
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