



INSTRUMENT PROCESSING SHEET

Agency Jacksonville Sheriff's Office

S/N 80-001083

Florida Department of
Law Enforcement

Date In 11/22/2022 DI Completion Date 11/29/2022

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By PN	Quality Checks	By PN	Date <u>11/29/2022</u>	Flow Calibration	By	Date															
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>132</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 105</u> 32 mm <u>.167</u> (.139 - .169) 36 mm <u>.175</u> (.156 - .190) 53 mm <u>.250</u> (.228 - .278) 103 mm <u>.515</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28421</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # _____ <input type="checkbox"/> 5L/min – 17mm <input type="checkbox"/> 15L/min – 53mm <input type="checkbox"/> 30L/min – 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> 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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Taylor Gutschow <small>Digitally signed by Taylor Gutschow Date: 2022.11.30 13:02:08 -05'00'</small>		Israel Soto <small>Digitally signed by Israel Soto Date: 2022.12.01 15:18:11 -05'00'</small>																																																													
Tech Review / Date		Admin Review / Date																																																													

Type of Test	Serial Number	Agency	Date	Performed By
Stability Checks	80-001083	Jacksonville Sheriff's Office	11/29/2022	PN

0.05g/210L 0.047 to 0.053	0.08g/210L 0.077 to 0.083	0.20g/210L 0.194 to 0.206	DGS 0.08g/210L 0.077 to 0.083 ≤0.003 of Wet																																																																																																																																																
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: JACKSONVILLE SO
Time of Inspection: 14:00

Date of Inspection: 11/29/2022

Serial Number: 80-001083
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	0.199	0.080
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0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.199	0.080

Standard Deviations	0.0003	0.0000	0.0003	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.



PHIL NICODEMO

Signature and Printed Name

11/29/2022
Date

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
11/29/2022 10:59:38

OPTICAL BENCH CALIBRATION ADJUSTMENT

PHG

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	0.1710	(-0.0280)	0.1360	(-0.0150)
Sample #2	0.1510	(0.0310)	0.1260	(0.0030)
Sample #3	0.1510	(0.0000)	0.1110	(-0.0010)
Sample #4	0.1470	(0.0350)	0.1210	(0.0080)
Avg % Abs	0.1497	(0.0220)	0.1193	(0.0033)
STD DEV	0.0023	(0.0192)	0.0076	(0.0045)
REL STD DEV	1.543	(87.078)	6.400	(135.278)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8650	(-0.0050)	1.5130	(-0.0100)
Sample #2	0.8980	(-0.0060)	1.5310	(-0.0200)
Sample #3	0.8900	(0.0160)	1.5280	(-0.0020)
Sample #4	0.8740	(0.0020)	1.5480	(-0.0280)
Avg % Abs	0.8873	(0.0040)	1.5357	(-0.0167)
STD DEV	0.0122	(0.0111)	0.0108	(0.0133)
REL STD DEV	1.377	(278.388)	0.702	(79.900)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.0120	(-0.0190)	3.5960	(-0.0040)
Sample #2	1.9770	(0.0030)	3.5940	(-0.0100)
Sample #3	2.0030	(0.0090)	3.6110	(-0.0040)
Sample #4	2.0010	(-0.0130)	3.5900	(-0.0090)
Avg % Abs	1.9937	(-0.0003)	3.5983	(-0.0077)
STD DEV	0.0145	(0.0114)	0.0112	(0.0032)
REL STD DEV	0.726	(3411.742)	0.310	(41.929)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.8400	(-0.0140)	6.8720	(-0.0140)
Sample #2	3.8030	(0.0310)	6.8790	(0.0020)
Sample #3	3.8220	(0.0200)	6.8570	(0.0010)
Sample #4	3.8070	(0.0110)	6.8480	(-0.0010)
Avg % Abs	3.8107	(0.0207)	6.8613	(0.0007)
STD DEV	0.0100	(0.0100)	0.0159	(0.0015)
REL STD DEV	0.263	(48.468)	0.232	(229.129)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.5440	(-0.0110)	9.9810	(-0.0100)
Sample #2	5.5360	(-0.0240)	9.9730	(0.0000)
Sample #3	5.5190	(-0.0200)	9.9720	(-0.0120)
Sample #4	5.5250	(0.0060)	9.9750	(0.0140)
Avg % Abs	5.5267	(-0.0127)	9.9733	(0.0007)
STD DEV	0.0086	(0.0163)	0.0015	(0.0130)
REL STD DEV	0.156	(128.598)	0.015	(1951.922)

JACKSONVILLE SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001083
11/29/2022 10:59:38

OPTICAL BENCH CALIBRATION
ADJUSTMENT

Phy

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -354.17
First Order Coef 2501.54
Second Order Coef 26.23

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0004
0.040	0.040	0.0004
0.100	0.099	0.0005
0.200	0.201	-0.0007
0.300	0.300	0.0003

<<<< 9um >>>>

-160.41
1325.57
12.34

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0000
0.040	0.040	0.0000
0.100	0.100	-0.0002
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	2858.00	3238.00
Sample #2	2908.00	3283.00
Sample #3	2795.00	3232.00
Sample #4	2920.00	3295.00
Avg	2874.3333	3270.0000
STD DEV	68.9662	33.4515
REL STD DEV	2.399	1.023
H2O adjust (mg/l*10k)	935	539

Barometric Pressure = 1017

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

Type of Test	Serial Number	Agency	Date	Performed By
Post Calibration Adjustment Stability Checks	80-001083	Jacksonville Sheriff's Office	11/29/2022	PN

0.05g/210L			0.08g/210L			0.20g/210L			DGS 0.08g/210L																																																																																																																																																																																										
0.047 to 0.053		X	0.077 to 0.083		X	0.194 to 0.206		X	0.077 to 0.083	X	≤0.003 of Wet	X																																																																																																																																																																																							
<div>JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001083 11/29/2022 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>12:12</td></tr><tr><td>Control Test</td><td>0.049</td><td>12:12</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:13</td></tr><tr><td>Control Test</td><td>0.048</td><td>12:14</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:14</td></tr><tr><td>Control Test</td><td>0.049</td><td>12:15</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:15</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0487</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.1863</td><td></td></tr></table> <div><div>Phil Thues</div><div>Operator's Signature</div></div>													Test	g/210L	Time	Air Blank	0.000	12:12	Control Test	0.049	12:12	Air Blank	0.000	12:13	Control Test	0.048	12:14	Air Blank	0.000	12:14	Control Test	0.049	12:15	Air Blank	0.000	12:15	Control Test Stats			Average	0.0487		Std Dev	0.0006		Rel Std Dev(%)	1.1863		<div>JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001083 11/29/2022 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>12:16</td></tr><tr><td>Control Test</td><td>0.077</td><td>12:17</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:17</td></tr><tr><td>Control Test</td><td>0.077</td><td>12:18</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:19</td></tr><tr><td>Control Test</td><td>0.078</td><td>12:19</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:20</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0773</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7466</td><td></td></tr></table> <div><div>Phil Thues</div><div>Operator's Signature</div></div>													Test	g/210L	Time	Air Blank	0.000	12:16	Control Test	0.077	12:17	Air Blank	0.000	12:17	Control Test	0.077	12:18	Air Blank	0.000	12:19	Control Test	0.078	12:19	Air Blank	0.000	12:20	Control Test Stats			Average	0.0773		Std Dev	0.0006		Rel Std Dev(%)	0.7466		<div>JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001083 11/29/2022 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>12:21</td></tr><tr><td>Control Test</td><td>0.199</td><td>12:22</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:22</td></tr><tr><td>Control Test</td><td>0.199</td><td>12:23</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:24</td></tr><tr><td>Control Test</td><td>0.198</td><td>12:24</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:25</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.1987</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2906</td><td></td></tr></table> <div><div>Phil Thues</div><div>Operator's Signature</div></div>													Test	g/210L	Time	Air Blank	0.000	12:21	Control Test	0.199	12:22	Air Blank	0.000	12:22	Control Test	0.199	12:23	Air Blank	0.000	12:24	Control Test	0.198	12:24	Air Blank	0.000	12:25	Control Test Stats			Average	0.1987		Std Dev	0.0006		Rel Std Dev(%)	0.2906		<div>JACKSONVILLE SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001083 11/29/2022 Software: 8100.27</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>12:26</td></tr><tr><td>Control Test</td><td>0.080</td><td>12:26</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:27</td></tr><tr><td>Control Test</td><td>0.079</td><td>12:27</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:27</td></tr><tr><td>Control Test</td><td>0.079</td><td>12:28</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:28</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0793</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7277</td><td></td></tr></table> <div><div>Phil Thues</div><div>Operator's Signature</div></div>													Test	g/210L	Time	Air Blank	0.000	12:26	Control Test	0.080	12:26	Air Blank	0.000	12:27	Control Test	0.079	12:27	Air Blank	0.000	12:27	Control Test	0.079	12:28	Air Blank	0.000	12:28	Control Test Stats			Average	0.0793		Std Dev	0.0006		Rel Std Dev(%)	0.7277	
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Comments: N/A



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 80-001083, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001083</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>JACKSONVILLE SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>11/29/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:00</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.

11/29/2022

Date

Phil Nicodemo

PHIL NICODEMO,
Department Inspector

Digitally signed by Phil
Nicodemo
Date: 2022.11.29 14:23:58
-05'00'

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1