



INSTRUMENT PROCESSING SHEET

Agency Columbia County SO

S/N 80-000775

Florida Department of
Law Enforcement

Date In 7/7/2021

DI Completion Date 7/8/2021

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake By <u>RAW</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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	Quality Checks By <u>RAW</u> Date <u>07/08/21</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>243</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP105</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.250</u> (.228 - .278) 103 mm <u>.535</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>26932</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>MP5088</td> <td>202010A 10-5-22</td> </tr> <tr> <td>0.080</td> <td>MP5089</td> <td>202010B 10-5-22</td> </tr> <tr> <td>0.200</td> <td>MP5090</td> <td>202010D 10-6-22</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG011102 04-20-22</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP5088	202010A 10-5-22	0.080	MP5089	202010B 10-5-22	0.200	MP5090	202010D 10-6-22	0.080 DGS	N/A	AG011102 04-20-22	Flow Calibration By _____ Date _____ 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) Maintenance By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ DI Temp. Checks By <u>RAW</u> ☒ Lab Temp °C <u>21.08</u> External Digital Therm. ID#: <u>569598</u> ☒ 34°C +/-2 Serial #: <u>MP5088</u> ☒ 34°C +/-2 Serial #: <u>MP5089</u> ☒ 34°C +/-2 Serial #: <u>MP5090</u>																																												
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Attachments ☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment ☒ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ Other _____		☒ 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																																																											
Notes/Suggested Service: Barometric pressure had a difference of more than 1%. An optical bench calibration was conducted barometric pressure was found within range and post calibration stability checks and subsequent Department Inspection where nominal post calibration. -RAW 7/8/21 _____ _____ _____		2021.07.13 <i>Michael D. Haughay</i> 08:50:25 -04'00' Tech Review / Date 2021.07.13 <i>CR</i> 12:31:10 Admin Review / Date																																																											

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COLUMBIA COUNTY SO

Time of Inspection: 15:44

Date of Inspection: 07/08/2021

Serial Number: 80-000775

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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG011102 Exp: 04/20/2022
0.000	0.049	0.079	0.197	0.080
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.197	0.079

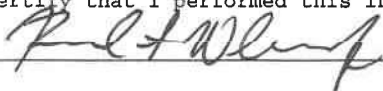
Standard Deviations	0.0004	0.0000	0.0004	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

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.



RICHARD A WILLIAMS

Signature and Printed Name

07/08/2021
Date

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000775
07/08/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:18
Control Test	0.047	10:19
Air Blank	0.000	10:19
Control Test	0.048	10:20
Air Blank	0.000	10:20
Control Test	0.049	10:21
Air Blank	0.000	10:22
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

0.05
pre

RAW

Operator's Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000775
07/08/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:23
Control Test	0.078	10:23
Air Blank	0.000	10:24
Control Test	0.078	10:25
Air Blank	0.000	10:25
Control Test	0.078	10:26
Air Blank	0.000	10:26
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

0.08
wet
pre

RAW

Operator's Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000775
07/08/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:31
Control Test	0.197	10:32
Air Blank	0.000	10:32
Control Test	0.194	10:33
Air Blank	0.000	10:34
Control Test	0.192	10:34
Air Blank	0.000	10:35
Control Test Stats		
Average	0.1943	
Std Dev	0.0025	
Rel Std Dev(%)	1.2950	

0.20 #1
pre

RAW

Operator's Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000775
07/08/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:42
Control Test	0.198	10:43
Air Blank	0.000	10:43
Control Test	0.199	10:44
Air Blank	0.000	10:45
Control Test	0.198	10:45
Air Blank	0.000	10:46
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

#2 0.20
pre

RAW

Operator's Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000775
07/08/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:52
Control Test	0.079	10:52
Air Blank	0.000	10:53
Control Test	0.078	10:53
Air Blank	0.000	10:54
Control Test	0.079	10:54
Air Blank	0.000	10:55
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

pre
0.08
DGS

RAW

Operator's Signature

Columbia Co. SO
80-000775
7/8/21

Pre Stability Checks
Cal

RAW

COLUMBIA
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000775
07/08/2021 12:25:17

Auto Calibration
Max Power Res Value = 106
Auto Range Res Value = 63

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12559, Sum Io = 13505

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.1380 (-0.0330)
Sample #2 = 0.1420 (0.0510)
Sample #3 = 0.1130 (0.1170)
Sample #4 = 0.1360 (0.1390)
Avg % Abs = 0.1303 (0.1023)
STD DEV = 0.0153 (0.0458)
REL STD DEV = 11.745 (44.752)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 0.0960 (-0.0370)
Sample #2 = 0.1140 (-0.0330)
Sample #3 = 0.0890 (-0.0150)
Sample #4 = 0.1020 (-0.0060)
Avg % Abs = 0.1017 (-0.0180)
STD DEV = 0.0125 (0.0137)
REL STD DEV = 12.298 (76.376)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12528, Sum Io = 13498

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.7820 (-0.0110)
Sample #2 = 0.8320 (-0.0260)
Sample #3 = 0.8470 (-0.0310)
Sample #4 = 0.8080 (-0.0020)
Avg % Abs = 0.8290 (-0.0197)
STD DEV = 0.0197 (0.0155)
REL STD DEV = 2.373 (78.827)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 1.4760 (-0.0170)
Sample #2 = 1.4840 (-0.0210)
Sample #3 = 1.4990 (-0.0250)
Sample #4 = 1.4800 (-0.0060)
Avg % Abs = 1.4877 (-0.0173)
STD DEV = 0.0100 (0.0100)
REL STD DEV = 0.573 (57.788)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12521, Sum Io = 13497

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 1.8770 (-0.0120)
Sample #2 = 1.8100 (0.0500)
Sample #3 = 1.8330 (0.0670)
Sample #4 = 1.8600 (0.0480)
Avg % Abs = 1.8343 (0.0550)
STD DEV = 0.0250 (0.0104)
REL STD DEV = 1.364 (18.982)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 3.5160 (0.0020)
Sample #2 = 3.4890 (0.0150)
Sample #3 = 3.4870 (0.0170)
Sample #4 = 3.4890 (0.0220)
Avg % Abs = 3.4883 (0.0180)
STD DEV = 0.0012 (0.0036)
REL STD DEV = 0.033 (20.031)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12507, Sum Io = 13490

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 3.5380 (-0.0150)
Sample #2 = 3.5460 (0.0040)
Sample #3 = 3.5610 (0.0020)
Sample #4 = 3.5270 (0.0070)
Avg % Abs = 3.5447 (0.0043)
STD DEV = 0.0170 (0.0025)
REL STD DEV = 0.481 (58.076)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 6.7670 (-0.0220)
Sample #2 = 6.7720 (-0.0050)
Sample #3 = 6.7700 (-0.0030)
Sample #4 = 6.7400 (0.0050)
Avg % Abs = 6.7607 (-0.0010)
STD DEV = 0.0179 (0.0053)
REL STD DEV = 0.265 (529.150)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12501, Sum Io = 13487

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 5.1420 (-0.0230)
Sample #2 = 5.1260 (-0.0230)
Sample #3 = 5.1240 (0.0080)
Sample #4 = 5.1210 (0.0190)
Avg % Abs = 5.1237 (0.0013)
STD DEV = 0.0025 (0.0218)
REL STD DEV = 0.049 (1633.440)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 9.7490 (-0.0170)
Sample #2 = 9.7410 (-0.0040)
Sample #3 = 9.7200 (0.0300)
Sample #4 = 9.7160 (0.0260)
Avg % Abs = 9.7257 (0.0173)
STD DEV = 0.0134 (0.0186)
REL STD DEV = 0.138 (107.210)

***** AUTO CAL DATA *****

Channel 1
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.130
Std Dev = 0.02 Rel Std Dev = 11.75
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.829
Std Dev = 0.02 Rel Std Dev = 2.37
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.834
Std Dev = 0.03 Rel Std Dev = 1.36
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.545
Std Dev = 0.02 Rel Std Dev = 0.48
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.124
Std Dev = 0.00 Rel Std Dev = 0.05
Zero Order Coef = -335.05
First Order Coef = 2685.08
Second Order Coef = 32.06
Standard Deviation = 46.482704

Channel 2
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.102
Std Dev = 0.01 Rel Std Dev = 12.30
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.488
Std Dev = 0.01 Rel Std Dev = 0.67
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.488
Std Dev = 0.00 Rel Std Dev = 0.03
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.761
Std Dev = 0.02 Rel Std Dev = 0.27
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.726
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -116.22
First Order Coef = 1332.02
Second Order Coef = 15.08
Standard Deviation = 39.154079

Optical Bench Cal #1
718121
80-000775
RAW

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	-0.0002
0.100	0.099	0.0013
0.200	0.201	-0.0013
0.300	0.300	0.0005

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0004
0.040	0.040	0.0001
0.100	0.099	0.0010
0.200	0.201	-0.0011
0.300	0.300	0.0004

Sol Value = 0.060 g/L
 Fit value = 0.3810 mg/L %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = 2992.00
 Sample #2 = 2924.00
 Sample #3 = 2976.00
 Sample #4 = 3053.00
 Average Result = 2984.3333
 STD DEV = 64.9025
 REL STD DEV = 2.175

***** CHANNEL 2

Sample #1 = 3361.00
 Sample #2 = 3351.00
 Sample #3 = 3360.00
 Sample #4 = 3344.00
 Average Result = 3351.6667
 STD DEV = 8.0208
 REL STD DEV = 0.239

Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1014
 3 um H2O Adjust (mg/L*10,000) = 825
 9 um H2O Adjust (mg/L*10,000) = 458
 **** AUTO CAL

Optical Bench
 Cal. #2

Post Cal Stability
 Checks

7/8/21

PAW

COLUMBIA COUNTY
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000775
 07/08/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:17
Control Test	0.049	13:18
Air Blank	0.000	13:18
Control Test	0.048	13:19
Air Blank	0.000	13:19
Control Test	0.049	13:20
Air Blank	0.000	13:21
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

0.50
 post

PAW

Operator's Signature

COLUMBIA COUNTY
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000775
 07/08/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:31
Control Test	0.078	13:32
Air Blank	0.000	13:32
Control Test	0.078	13:33
Air Blank	0.000	13:34
Control Test	0.079	13:34
Air Blank	0.000	13:35
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

1.08
 Wet
 post

PAW

Operator's Signature

COLUMBIA COUNTY SU
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000775
 07/08/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:23
Control Test	0.197	13:24
Air Blank	0.000	13:24
Control Test	0.197	13:25
Air Blank	0.000	13:25
Control Test	0.198	13:26
Air Blank	0.000	13:27
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

0.20
 post

PAW

Operator's Signature

COLUMBIA COUNTY SU
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000775
 07/08/2021
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:43
Control Test	0.081	13:43
Air Blank	0.000	13:44
Control Test	0.080	13:44
Air Blank	0.000	13:44
Control Test	0.080	13:45
Air Blank	0.000	13:45
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

1.08
 DGS
 post

PAW

Operator's Signature



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000775, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000775</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>COLUMBIA COUNTY SO</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>07/08/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:44</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. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses 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.
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Law Enforcement Alcohol Testing Program.

Digitally signed by Richard A Williams
Date: 2021.07.09 16:36:26 -0400

07/08/2021

Richard A Williams

Date

RICHARD A WILLIAMS,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

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