



INSTRUMENT PROCESSING SHEET

Agency Hillsborough County Sheriff's Office

S/N 80-003388

Florida Department of
Law Enforcement

Date In 08-08-2023 DI Completion Date 8/14/2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By ALL	Quality Checks	By BS	Date 8/9/2023	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: case missing keyboard peg on left side		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value 195 ☒ Flow Verification (L/s) Flow Column # ATP102 32 mm 0.144 (.139 - .169) 36 mm 0.164 (.156 - .190) 53 mm 0.230 (.228 - .278) 103 mm 0.500 (.447 - .547) ☒ Barometric Pressure Check Gauge ID # 28421 ☒ 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)																																
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Barometric Pressure Gauge 1013 ID # 30793				Barometric Pressure ID# 28421																																	
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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			<table border="1"><thead><tr><th colspan="2">Attachments</th></tr></thead><tbody><tr><td>☒ Form 41</td><td>☒ Post-Stability Checks</td></tr><tr><td>☒ Stability Checks</td><td>☐ Flow Calibration</td></tr><tr><td>☒ Calibration Certificate</td><td>☐ Form 40</td></tr><tr><td>☒ Calibration Adjustment</td><td>☐ Other</td></tr></tbody></table>			Attachments		☒ Form 41	☒ Post-Stability Checks	☒ Stability Checks	☐ Flow Calibration	☒ Calibration Certificate	☐ Form 40	☒ Calibration Adjustment	☐ Other				
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Notes/Suggested Service: Lack of keyboard support peg bent keyboard plug. Agency has spare keyboard to replace it. (BS 9/6/2023) Tech review: added initials and date to notes (BS 9/7/23)				☒ 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 Digitally signed by Taylor Gutschow Date: 2023.09.08 15:25:07 +04'00'			Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.09.11 12:53:52 -04'00'																														
				Tech Review / Date			Admin Review / Date																														

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HILLSBOROUGH CO SO
Time of Inspection: 14:15

Date of Inspection: 08/14/2023

Serial Number: 80-003388
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:06723080A5 Exp: 04/05/2025
0.000	0.049	0.078	0.196	0.081
0.000	0.049	0.078	0.196	0.082
0.000	0.049	0.078	0.196	0.082
0.000	0.048	0.078	0.197	0.082
0.000	0.049	0.078	0.197	0.082
0.000	0.048	0.078	0.197	0.081
0.000	0.049	0.078	0.197	0.082
0.000	0.049	0.078	0.197	0.082
0.000	0.049	0.079	0.196	0.082
0.000	0.049	0.078	0.197	0.082

Standard Deviations	0.0004	0.0003	0.0005	0.0004
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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.

Benjamin W Siddoway BENJAMIN W SIDDOWAY
Signature and Printed Name

08/14/2023
Date

Stability Checks

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:34
Control Test	0.053	11:34
Air Blank	0.000	11:35
Control Test	0.052	11:36
Air Blank	0.000	11:36
Control Test	0.051	11:37
Air Blank	0.000	11:37
Control Test Stats		
Average	0.0520	
Std Dev	0.0010	
Rel Std Dev(%)	1.9231	

Benjamin Siddle
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:41
Control Test	0.082	11:41
Air Blank	0.000	11:42
Control Test	0.081	11:43
Air Blank	0.000	11:43
Control Test	0.081	11:44
Air Blank	0.000	11:44
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

Benjamin Siddle
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.198	11:21
Air Blank	0.000	11:22
Control Test	0.198	11:23
Air Blank	0.000	11:23
Control Test	0.198	11:24
Air Blank	0.000	11:25
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Benjamin Siddle
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:28
Control Test	0.084	11:28
Air Blank	0.000	11:29
Control Test	0.084	11:29
Air Blank	0.000	11:30
Control Test	0.083	11:30
Air Blank	0.000	11:30
Control Test Stats		
Average	0.0837	
Std Dev	0.0006	
Rel Std Dev(%)	0.6901	

DGS

Benjamin Siddle
Operator's Signature

HILLSBOROUGH CO SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003388
 08/14/2023 08:41:50

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	0.0710	(-0.0070)	0.1640	(-0.0190)	
Sample #2	0.0350	(0.0290)	0.1380	(-0.0140)	
Sample #3	0.0310	(0.0650)	0.1340	(0.0080)	
Sample #4	0.0780	(0.0600)	0.1740	(-0.0070)	
Avg % Abs	0.0480	(0.0513)	0.1487	(-0.0043)	
STD DEV	0.0261	(0.0195)	0.0220	(0.0112)	
REL STD DEV	54.287	(37.991)	14.819	(259.380)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.6970	(0.0040)	1.4770	(0.0040)	
Sample #2	0.6940	(0.0150)	1.4800	(0.0090)	
Sample #3	0.7190	(0.0140)	1.4830	(0.0060)	
Sample #4	0.7130	(0.0360)	1.4740	(0.0220)	
Avg % Abs	0.7087	(0.0217)	1.4790	(0.0123)	
STD DEV	0.0131	(0.0124)	0.0046	(0.0085)	
REL STD DEV	1.842	(57.337)	0.310	(68.959)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.7080	(-0.0030)	3.4790	(-0.0090)	
Sample #2	1.7510	(0.0090)	3.4740	(-0.0240)	
Sample #3	1.6970	(0.0360)	3.4610	(-0.0130)	
Sample #4	1.7360	(0.0400)	3.4890	(-0.0240)	
Avg % Abs	1.7280	(0.0283)	3.4747	(-0.0203)	
STD DEV	0.0279	(0.0169)	0.0140	(0.0064)	
REL STD DEV	1.613	(59.514)	0.403	(31.234)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.3280	(-0.0050)	6.5750	(-0.0290)	
Sample #2	3.2950	(0.0230)	6.5440	(-0.0080)	
Sample #3	3.3240	(0.0340)	6.5560	(0.0190)	
Sample #4	3.3130	(0.0600)	6.5490	(0.0140)	
Avg % Abs	3.3107	(0.0390)	6.5497	(0.0083)	
STD DEV	0.0146	(0.0190)	0.0060	(0.0144)	
REL STD DEV	0.442	(48.718)	0.092	(172.372)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	4.8880	(-0.0020)	9.5530	(-0.0030)	
Sample #2	4.8780	(0.0320)	9.5100	(0.0520)	
Sample #3	4.9000	(0.0260)	9.5330	(0.0310)	
Sample #4	4.9050	(0.0300)	9.5410	(0.0430)	
Avg % Abs	4.8943	(0.0293)	9.5280	(0.0420)	
STD DEV	0.0144	(0.0031)	0.0161	(0.0105)	
REL STD DEV	0.293	(10.415)	0.169	(25.085)	

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/14/2023 08:41:50

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -132.09
First Order Coef 2815.07
Second Order Coef 27.19

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.040	0.039	0.0006
0.100	0.101	-0.0011
0.200	0.199	0.0008
0.300	0.300	-0.0002

<<<< 9um >>>>

-204.65
1392.54
13.55

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.040	0.040	0.0004
0.100	0.101	-0.0007
0.200	0.199	0.0006
0.300	0.300	-0.0002

<<<< 3um >>>>

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

Sample #1	3182.00	3187.00
Sample #2	3192.00	3154.00
Sample #3	3180.00	3140.00
Sample #4	3325.00	3174.00
Avg	3232.3333	3156.0000
STD DEV	80.4757	17.0880
REL STD DEV	2.490	0.541
H2O adjust (mg/l*10k)	577	653

Barometric Pressure = 1013

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

Begin Sidney

Post Calibration Adjustment Stability Checks

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:34
Control Test	0.049	10:35
Air Blank	0.000	10:36
Control Test	0.049	10:36
Air Blank	0.000	10:37
Control Test	0.050	10:38
Air Blank	0.000	10:38
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Benjamin Siddle
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:40
Control Test	0.079	10:40
Air Blank	0.000	10:41
Control Test	0.078	10:42
Air Blank	0.000	10:42
Control Test	0.078	10:43
Air Blank	0.000	10:43
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

Benjamin Siddle
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:45
Control Test	0.197	10:46
Air Blank	0.000	10:46
Control Test	0.196	10:47
Air Blank	0.000	10:47
Control Test	0.195	10:48
Air Blank	0.000	10:49
Control Test Stats		
Average	0.1960	
Std Dev	0.0010	
Rel Std Dev(%)	0.5102	

Benjamin Siddle
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
08/14/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:51
Control Test	0.081	10:51
Air Blank	0.000	10:52
Control Test	0.081	10:52
Air Blank	0.000	10:53
Control Test	0.080	10:53
Air Blank	0.000	10:54
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

Benjamin Siddle
Operator's Signature



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 80-003388, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-003388</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>HILLSBOROUGH CO SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>08/14/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>14:15</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.

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

08/14/2023

Date

BENJAMIN W SIDDOWAY
BENJAMIN W SIDDOWAY,

Department Inspector

Service • Integrity • Respect • Quality