



INSTRUMENT PROCESSING SHEET

Agency Brevard County SOS/N 80-006233Florida Department of
Law EnforcementDate In 09/20/2024 DI Completion Date 10/02/2024☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake By <u>ALL</u> Date <u>09/20/2024</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: <u>Fraying on breath tube</u> <u>DA 10/02/2024</u>	Quality Checks By <u>DA</u> Date <u>10/2/2024</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>233</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.164</u> (.156 - .190) 53 mm <u>0.222</u> (.228 - .278) 103 mm <u>0.464</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</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>202303K 03/29/2025</td></tr><tr><td>0.080</td><td>MP5089</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>AG310901 04/19/2025</td></tr></tbody></table>	Simulator	Serial #	Lot #/Exp	0.050	MP5088	202303K 03/29/2025	0.080	MP5089	202303L 03/29/2025	0.200	MP5090	202304C 04/05/2025	0.080 DGS	N/A	AG310901 04/19/2025	Flow Calibration By <u>DA</u> Date <u>10/2/2024</u> Flow Column # <u>ATP105/ATP 102</u> ☒ 5L/min – 17mm ☒ 15L/min – 53mm ☒ 30L/min – 103mm ☒ R-Value <u>234/234</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>0.144/0.148</u> (.139 - .169) 36 mm <u>0.164/0.167</u> (.156 - .190) 53 mm <u>0.222/0.238</u> (.228 - .278) 103 mm <u>0.488/0.515</u> (.447 - .547) Maintenance By _____ Date _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____																																	
Simulator	Serial #	Lot #/Exp																																																
0.050	MP5088	202303K 03/29/2025																																																
0.080	MP5089	202303L 03/29/2025																																																
0.200	MP5090	202304C 04/05/2025																																																
0.080 DGS	N/A	AG310901 04/19/2025																																																
Calibration Adjustment By _____ Barometric Pressure Gauge _____ ID # _____ <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.000</td><td></td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td></td><td></td><td></td></tr><tr><td>0.100</td><td></td><td></td><td></td></tr><tr><td>0.200</td><td></td><td></td><td></td></tr><tr><td>0.300</td><td></td><td></td><td></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td></td><td></td></tr></tbody></table> ☐ Post Calibration Adjustment Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.050</td><td></td><td></td><td></td></tr><tr><td>0.080</td><td></td><td></td><td></td></tr><tr><td>0.200</td><td></td><td></td><td></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td></td><td></td></tr></tbody></table> Notes/Suggested Service: <u>Post-calibration verification</u> <u>flow rate value (53mm) remained outside of nominal</u> <u>range following first flow rate calibration adjustment.</u> <u>Repeated the adjustment with a different flow column</u> <u>and results within nominal range. DA</u>			Simulator	Serial #	Lot #	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Simulator	Serial #	Lot #	Expiration	0.050				0.080				0.200				0.080 DGS	N/A		
Simulator	Serial #	Lot #	Expiration																																															
0.000		N/A	N/A																																															
0.040																																																		
0.100																																																		
0.200																																																		
0.300																																																		
0.080 DGS	N/A																																																	
Simulator	Serial #	Lot #	Expiration																																															
0.050																																																		
0.080																																																		
0.200																																																		
0.080 DGS	N/A																																																	
Department Inspection By <u>DA</u> Barometric Pressure ID# <u>30793</u> Gauge <u>1011</u> Instrument <u>1010</u> Mouth Alcohol Solution Lot # <u>2024-A</u> Acetone Stock Solution Lot # <u>2023-B</u> <table border="1" style="width:100%; border-collapse: collapse;"><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> Attachments <table border="1" style="width:100%; border-collapse: collapse;"><tr><td>☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☐ Calibration Adjustment</td><td>☐ Post-Stability Checks ☒ Flow Calibration ☐ Form 40 ☐ Other _____</td></tr></table> ☒ 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 Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2024.10.08 12:59:59 +04'00' Shayla Platt Shayla Platt Digitally signed by Date: 2024.10.09 15:55:26 -04'00' Tech Review / Date _____ Admin Review / Date _____			Simulator	Serial Number	0.000	MP5086	Interferent	MP5087	0.050	MP5088	0.080	MP5089	0.200	MP5090	☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☐ Calibration Adjustment	☐ Post-Stability Checks ☒ Flow Calibration ☐ Form 40 ☐ Other _____																																		
Simulator	Serial Number																																																	
0.000	MP5086																																																	
Interferent	MP5087																																																	
0.050	MP5088																																																	
0.080	MP5089																																																	
0.200	MP5090																																																	
☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☐ Calibration Adjustment	☐ Post-Stability Checks ☒ Flow Calibration ☐ Form 40 ☐ Other _____																																																	

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BREVARD COUNTY SO
Time of Inspection: 11:38

Date of Inspection: 10/02/2024

Serial Number: 80-006233
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#:AG325603 Exp: 09/13/2025
0.000	0.051	0.080	0.200	0.080
0.000	0.051	0.080	0.200	0.080
0.000	0.052	0.080	0.200	0.080
0.000	0.051	0.080	0.200	0.079
0.000	0.051	0.080	0.199	0.079
0.000	0.051	0.080	0.199	0.079
0.000	0.052	0.080	0.200	0.079
0.000	0.052	0.080	0.200	0.079
0.000	0.051	0.081	0.199	0.079
0.000	0.052	0.080	0.199	0.079

Standard Deviations	0.0005	0.0003	0.0005	0.0004
---------------------	--------	--------	--------	--------

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.



DESTINEE N ARMSTRONG

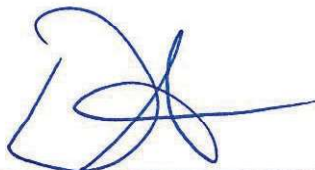
Signature and Printed Name

10/02/2024
Date

Stability Checks 80-006233 10/2/24 DA

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006233
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:14
Control Test	0.050	09:14
Air Blank	0.000	09:15
Control Test	0.051	09:16
Air Blank	0.000	09:16
Control Test	0.051	09:17
Air Blank	0.000	09:17
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

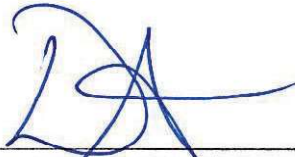


Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006233
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:19
Control Test	0.080	09:20
Air Blank	0.000	09:21
Control Test	0.080	09:21
Air Blank	0.000	09:22
Control Test	0.080	09:23
Air Blank	0.000	09:23
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

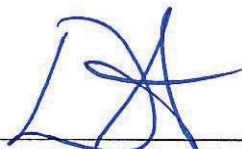
Wet



Operator's Signature

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006233
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:25
Control Test	0.199	09:25
Air Blank	0.000	09:26
Control Test	0.199	09:27
Air Blank	0.000	09:27
Control Test	0.199	09:28
Air Blank	0.000	09:28
Control Test Stats		
Average	0.1990	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

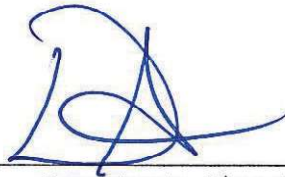


Operator's Signature

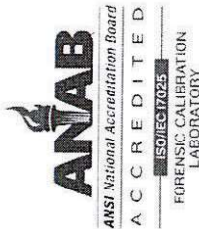
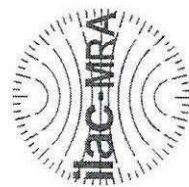
BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006233
10/02/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:32
Control Test	0.079	09:32
Air Blank	0.000	09:33
Control Test	0.079	09:33
Air Blank	0.000	09:34
Control Test	0.079	09:34
Air Blank	0.000	09:35
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS



Operator's Signature



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite A2025
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-0062233, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-0062233</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>BREVARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/02/2024</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>11:38</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.

10/02/2024

Date

DESTINEE N ARMSTRONG,
Department Inspector

FDLE/ATP Form 69 October 2024
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Flow Rate Calibration Adjustment 10/2/24 DA

#1

BREVARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006233
10/02/2024
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 7.348

2: Rate (Liters/min) = 15

SQRT(Diff)) = 12.121

3: Rate (Liters/min) = 30

SQRT(Diff)) = 21.328

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 690

Rounded Intercept = -735978

Correlation = 0.99781

Flow Rate Calibration Adjustment 10/2/24 DA

#2

BREVARD COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-006233

10/02/2024

Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 7.000

2: Rate (Liters/min) = 15

SQRT(Diff)) = 11.574

3: Rate (Liters/min) = 30

SQRT(Diff)) = 20.688

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 703

Rounded Intercept = -690147

Correlation = 0.99725