



INSTRUMENT PROCESSING SHEET

Agency Union County Sheriff's OfficeS/N 80-001289Florida Department of
Law EnforcementDate In 06/28/2023 DI Completion Date 06-29-2023☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By BS	Quality Checks	By BS	Date 06/28/2023	Flow Calibration	By BS/IS	Date 06/28/2023																																																																				
☒ 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>176</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP105</u> 32 mm <u>0.125</u> (.139 - .169) 36 mm <u>0.140</u> (.156 - .190) 53 mm <u>0.222</u> (.228 - .278) 103 mm <u>0.502</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</u> ☒ Stability Checks			☒ Flow Column # <u>ATP103</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>160/163</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>0.152/0.148</u> (.139 - .169) 36 mm <u>0.164/0.164</u> (.156 - .190) 53 mm <u>0.234/0.234</u> (.228 - .278) 103 mm <u>0.503/0.503</u> (.447 - .547)																																																																						
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Barometric Pressure Gauge _____ ID # _____ <table border="1"><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"><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>				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			Barometric Pressure ID# <u>28421</u> Gauge <u>1014</u> Instrument <u>1012</u> Mouth Alcohol Solution Lot # <u>2022-A</u> Acetone Stock Solution Lot # <u>2022-B</u> <table border="1"><thead><tr><th>Simulator</th><th>Serial Number</th></tr></thead><tbody><tr><td>0.000</td><td>MP6289</td></tr><tr><td>Interferent</td><td>MP6290</td></tr><tr><td>0.050</td><td>MP6291</td></tr><tr><td>0.080</td><td>MP6292</td></tr><tr><td>0.200</td><td>MP6293</td></tr></tbody></table> Attachments <table border="1"><tbody><tr><td>☒ Form 41</td><td>☐ Post-Stability Checks</td></tr><tr><td>☒ Stability Checks</td><td>☒ Flow Calibration x2</td></tr><tr><td>☒ Calibration Certificate</td><td>☐ Form 40</td></tr><tr><td>☐ Calibration Adjustment</td><td>☐ Other _____</td></tr></tbody></table>				Simulator	Serial Number	0.000	MP6289	Interferent	MP6290	0.050	MP6291	0.080	MP6292	0.200	MP6293	☒ Form 41	☐ Post-Stability Checks	☒ Stability Checks	☒ Flow Calibration x2	☒ Calibration Certificate	☐ Form 40	☐ Calibration Adjustment	☐ Other _____
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Notes/Suggested Service: <u>Initial Flow Calibration</u> <u>Adjustment performed by Department Inspector trainee.</u> <u>Adjustment was repeated by permitted Department</u> <u>Inspector. The same flow columns were used</u> <u>for Flow Calibration Adjustments and post flow</u> <u>verifications. IS</u> <u>Tech Review: Second Flow Calibration Adjustment</u> <u>performed on 06-29-2023 prior to Department</u> <u>Inspection. IS 06-29-2023</u>				☒ 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: 2023.06.29 14:36:38 -0400				Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.06.30 15:07:16 -0400																																																																							
Tech Review / Date _____				Admin Review / Date _____																																																																							

Stability Checks and Flow Calibration

UNION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001289
06/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:03
Control Test	0.049	12:04
Air Blank	0.000	12:05
Control Test	0.050	12:05
Air Blank	0.000	12:06
Control Test	0.050	12:07
Air Blank	0.000	12:07
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Benjamin Siddey
Operator's Signature

UNION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001289
06/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:13
Control Test	0.080	12:14
Air Blank	0.000	12:14
Control Test	0.079	12:15
Air Blank	0.000	12:15
Control Test	0.079	12:16
Air Blank	0.000	12:17
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Benjamin Siddey
Operator's Signature

UNION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001289
06/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.198	12:22
Air Blank	0.000	12:22
Control Test	0.198	12:23
Air Blank	0.000	12:23
Control Test	0.198	12:24
Air Blank	0.000	12:25
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Benjamin Siddey
Operator's Signature

UNION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001289
06/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:30
Control Test	0.079	12:30
Air Blank	0.000	12:31
Control Test	0.078	12:31
Air Blank	0.000	12:32
Control Test	0.079	12:32
Air Blank	0.000	12:33
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Benjamin Siddey
Operator's Signature

UNION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001289
06/28/2023
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff) = 6.781
2: Rate (Liters/min) = 15
SQRT(Diff) = 11.445
3: Rate (Liters/min) = 30
SQRT(Diff) = 20.879
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 255
Rounded Slope = 682
Rounded Intercept = -610182
Correlation = 0.99696

Benjamin Siddey

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: UNION COUNTY SO
Time of Inspection: 12:11

Date of Inspection: 06/29/2023

Serial Number: 80-001289
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#:AG229803 Exp: 10/25/2024
0.000	0.049	0.079	0.198	0.078
0.000	0.048	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.077
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.080	0.197	0.078
0.000	0.049	0.080	0.198	0.078
0.000	0.050	0.079	0.197	0.078
0.000	0.050	0.079	0.198	0.078

Standard Deviations	0.0005	0.0004	0.0004	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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

06/29/2023
Date



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 80-001289, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001289</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>UNION COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>06/29/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:11</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.

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Israel Soto
Soto
Date: 2023.06.29 12:33:19
-04'00'

Date

ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

UNION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001289
06/29/2023
Software: 8100.27

Flow Calibration
Adjustment #2



Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 6.324

2: Rate (Liters/min) = 15

SQRT(Diff)) = 11.398

3: Rate (Liters/min) = 30

SQRT(Diff)) = 20.711

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 673

Rounded Intercept = -539453

Correlation = 0.99857