



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006169, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006169</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/23/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>11:06</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.

02/23/2022

Date


DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 11:06

Date of Inspection: 02/23/2022

Serial Number: 80-006169
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#:AG115904 Exp: 06/08/2023
0.000	0.050	0.080	0.200	0.079
0.000	0.050	0.080	0.199	0.080
0.000	0.049	0.081	0.199	0.080
0.000	0.050	0.080	0.199	0.080
0.000	0.049	0.081	0.199	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.081	0.199	0.080
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.081	0.199	0.078


Standard Deviations	0.0004	0.0005	0.0003	0.0006
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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.



Signature and Printed Name

DAVID E REYES-RIVERA

02/23/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006169	Martin County Sheriff's Office	2/23/2022	DERR <i>MDL</i>

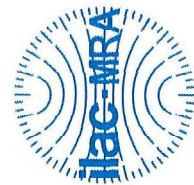
0.05g/210L 0.047 to 0.053	0.08g/210L 0.077 to 0.083	0.20g/210L 0.194 to 0.206	DGS 0.08g/210L 0.077 to 0.083
MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/23/2022 Software: 8100.27 SN 80-006169	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/23/2022 Software: 8100.27 SN 80-006169	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/23/2022 Software: 8100.27 SN 80-006169	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/23/2022 Software: 8100.27 SN 80-006169
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 09:05	Air Blank 0.000 09:10	Air Blank 0.000 09:15	Air Blank 0.000 09:20
Control Test 0.050 09:06	Control Test 0.080 09:11	Control Test 0.200 09:16	Control Test 0.079 09:20
Air Blank 0.000 09:06	Air Blank 0.000 09:11	Air Blank 0.000 09:16	Air Blank 0.000 09:21
Control Test 0.050 09:07	Control Test 0.080 09:12	Control Test 0.199 09:17	Control Test 0.078 09:21
Air Blank 0.000 09:07	Air Blank 0.000 09:13	Air Blank 0.000 09:17	Air Blank 0.000 09:22
Control Test 0.051 09:08	Control Test 0.080 09:13	Control Test 0.200 09:18	Control Test 0.080 09:22
Air Blank 0.000 09:09	Air Blank 0.000 09:14	Air Blank 0.000 09:19	Air Blank 0.000 09:23
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0503	Average 0.0800	Average 0.1997	Average 0.0790
Std Dev 0.0006	Std Dev 0.0000	Std Dev 0.0006	Std Dev 0.0010
Rel Std Dev(%) 1.1471	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.2892	Rel Std Dev(%) 1.2658
Operator's Signature <i>MDL</i>	Operator's Signature <i>MDL</i>	Operator's Signature <i>MDL</i>	Operator's Signature <i>MDL</i>

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006169
02/23/2022
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
SORT(Diff)) = 6.000
2: Rate (Liters/min) = 15
SORT(Diff)) = 10.906
3: Rate (Liters/min) = 30
SORT(Diff)) = 20.926
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 644
Rounded Intercept = -412467
Correlation = 0.99678

Flow Calibration	
SN:	80-006169
Agency:	Martin County Sheriff's Office
Date:	2/23/2022
By:	DERR <i>[Signature]</i>



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
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Serial Number:	<u>80-006169</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/02/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:38</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.

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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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05/02/2022

Date

DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 09:38

Date of Inspection: 05/02/2022

Serial Number: 80-006169
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#:AG115904 Exp: 06/08/2023
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.201	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.079	0.200	0.078
0.000	0.050	0.079	0.200	0.078
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.078
0.000	0.050	0.079	0.201	0.079
0.000	0.050	0.079	0.200	0.078
0.000	0.050	0.079	0.200	0.078

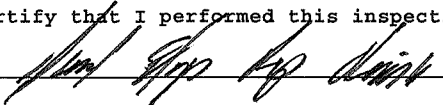
Standard Deviations	0.0005	0.0004	0.0004	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.


 Signature and Printed Name

DAVID E REYES-RIVERA

05/02/2022
 Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006169	Martin County Sheriff's Office	5/2/2022	DERR

0.05g/210L	0.08g/210L	0.20g/210L	0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083

<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/02/2022 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>07:21</td></tr> <tr><td>Control Test</td><td>0.049</td><td>07:22</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:22</td></tr> <tr><td>Control Test</td><td>0.045</td><td>07:23</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:24</td></tr> <tr><td>Control Test</td><td>0.049</td><td>07:24</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:25</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0490</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </tbody> </table> <p>Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:21	Control Test	0.049	07:22	Air Blank	0.000	07:22	Control Test	0.045	07:23	Air Blank	0.000	07:24	Control Test	0.049	07:24	Air Blank	0.000	07:25	Control Test Stats			Average	0.0490		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/02/2022 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>07:26</td></tr> <tr><td>Control Test</td><td>0.079</td><td>07:27</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:28</td></tr> <tr><td>Control Test</td><td>0.078</td><td>07:28</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:29</td></tr> <tr><td>Control Test</td><td>0.079</td><td>07:30</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:30</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0787</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7339</td><td></td></tr> </tbody> </table> <p>Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:26	Control Test	0.079	07:27	Air Blank	0.000	07:28	Control Test	0.078	07:28	Air Blank	0.000	07:29	Control Test	0.079	07:30	Air Blank	0.000	07:30	Control Test Stats			Average	0.0787		Std Dev	0.0006		Rel Std Dev(%)	0.7339		<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/02/2022 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>07:32</td></tr> <tr><td>Control Test</td><td>0.200</td><td>07:33</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:33</td></tr> <tr><td>Control Test</td><td>0.199</td><td>07:34</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:34</td></tr> <tr><td>Control Test</td><td>0.199</td><td>07:35</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:36</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1993</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.2896</td><td></td></tr> </tbody> </table> <p>Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:32	Control Test	0.200	07:33	Air Blank	0.000	07:33	Control Test	0.199	07:34	Air Blank	0.000	07:34	Control Test	0.199	07:35	Air Blank	0.000	07:36	Control Test Stats			Average	0.1993		Std Dev	0.0006		Rel Std Dev(%)	0.2896		<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 05/02/2022 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>07:37</td></tr> <tr><td>Control Test</td><td>0.078</td><td>07:37</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:37</td></tr> <tr><td>Control Test</td><td>0.078</td><td>07:38</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:38</td></tr> <tr><td>Control Test</td><td>0.079</td><td>07:39</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:39</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0783</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7370</td><td></td></tr> </tbody> </table> <p>Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:37	Control Test	0.078	07:37	Air Blank	0.000	07:37	Control Test	0.078	07:38	Air Blank	0.000	07:38	Control Test	0.079	07:39	Air Blank	0.000	07:39	Control Test Stats			Average	0.0783		Std Dev	0.0006		Rel Std Dev(%)	0.7370	
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INSTRUMENT PROCESSING SHEET

Agency Martin CSOS/N 80-006169Florida Department of
Law EnforcementDate In 9/15/2022 DI Completion Date 10/17/2022☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>10/17/2022</u>	Flow Calibration	By TDG	Date <u>10/17/2022</u>																																																												
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input 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 type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: <u>Instrument was already inspected for 2022. Sent for battery change.</u>		<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>ATP106</u> 32 mm <u>0.136*</u> (.139 - .169) 36 mm <u>0.152*</u> (.156 - .190) 53 mm <u>0.222*</u> (.228 - .278) 103 mm <u>0.496</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>68639</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # <u>ATP104</u> <input checked="" type="checkbox"/> 5L/min - 17mm <input checked="" type="checkbox"/> 15L/min - 53mm <input checked="" type="checkbox"/> 30L/min - 103mm <input checked="" type="checkbox"/> R-Value <u>125</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP106</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547)																																																														
				<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP6286</td><td>202201C 01/11/2024</td></tr><tr><td>0.080</td><td>MP6287</td><td>202201D 01/18/2024</td></tr><tr><td>0.200</td><td>MP6288</td><td>202201E 01/18/2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>00521080A2 02/05/2023</td></tr></tbody></table>	Simulator	Serial #	Lot #/Exp	0.050	MP6286	202201C 01/11/2024	0.080	MP6287	202201D 01/18/2024	0.200	MP6288	202201E 01/18/2024	0.080 DGS	N/A	00521080A2 02/05/2023	Maintenance By <u>DERR</u> <input checked="" type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____																																															
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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> <input type="checkbox"/> 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>28199</u> Gauge <u>1013</u> Instrument <u>1012</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</u> <table border="1"><thead><tr><th>Simulator</th><th>Serial Number</th></tr></thead><tbody><tr><td>0.000</td><td>MP6284</td></tr><tr><td>Interferent</td><td>MP6285</td></tr><tr><td>0.050</td><td>MP6286</td></tr><tr><td>0.080</td><td>MP6287</td></tr><tr><td>0.200</td><td>MP6288</td></tr></tbody></table> Attachments <input checked="" type="checkbox"/> Form 41 <input type="checkbox"/> Post-Stability Checks <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Flow Calibration <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Form 40 <input type="checkbox"/> Calibration Adjustment <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use				Simulator	Serial Number	0.000	MP6284	Interferent	MP6285	0.050	MP6286	0.080	MP6287	0.200	MP6288
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Notes/Suggested Service: <u>Checked breath tube screen and replaced o-rings on 9/26. Battery was replaced on 10/17 before the rest of the Quality Checks were completed. Processing was delayed due to Hurricane Ian. (TDG)</u> <u>*Flow values outside nominal. (TDG)</u>				Phil Nicodemus <small>Digitally signed by Phil Nicodemus Date: 2022.10.18 12:24:18 +04'00'</small> Tech Review / Date _____				Israel Soto <small>Digitally signed by Israel Soto Date: 2022.10.18 14:53:36 -04'00'</small> Admin Review / Date _____																																																											

Flow Calibration

80-006169

10/17/2022

MG

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006169
10/17/2022
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff) = 6.242
2: Rate (Liters/min) = 15
SQRT(Diff) = 11.266
3: Rate (Liters/min) = 30
SQRT(Diff) = 21.023
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 652
Rounded Intercept = -478659
Correlation = 0.99770

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 6169	Martin CSO	10/17/2022	TDG MG

0.05g/210L			0.08g/210L			0.20g/210L			DGS 0.08g/210L		
0.047 to 0.053			0.077 to 0.083			0.194 to 0.206			0.077 to 0.083		≤0.003 of Wet
MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006169 10/17/2022 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006169 10/17/2022 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006169 10/17/2022 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006169 10/17/2022 Software: 8100.27		
Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time
Air Blank	0.000	10:50	Air Blank	0.000	10:57	Air Blank	0.000	11:03	Air Blank	0.000	11:08
Control Test	0.049	10:51	Control Test	0.079	10:58	Control Test	0.200	11:04	Control Test	0.080	11:09
Air Blank	0.000	10:51	Air Blank	0.000	10:58	Air Blank	0.000	11:05	Air Blank	0.000	11:09
Control Test	0.049	10:52	Control Test	0.078	10:59	Control Test	0.198	11:05	Control Test	0.080	11:09
Air Blank	0.000	10:53	Air Blank	0.000	11:00	Air Blank	0.000	11:06	Air Blank	0.000	11:10
Control Test	0.050	10:53	Control Test	0.080	11:00	Control Test	0.199	11:07	Control Test	0.081	11:10
Air Blank	0.000	10:54	Air Blank	0.000	11:01	Air Blank	0.000	11:07	Air Blank	0.000	11:11
Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats		
Average	0.0493		Average	0.0790		Average	0.1990		Average	0.0803	
Std Dev	0.0006		Std Dev	0.0010		Std Dev	0.0010		Std Dev	0.0006	
Rel Std Dev(%)	1.1703		Rel Std Dev(%)	1.2658		Rel Std Dev(%)	0.5025		Rel Std Dev(%)	0.7187	
Operator's Signature			Operator's Signature			Operator's Signature			Operator's Signature		

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 13:32

Date of Inspection: 10/17/2022

Serial Number: 80-006169
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#:00521080A2 Exp: 02/05/2023
0.000	0.049	0.079	0.200	0.079
0.000	0.048	0.078	0.200	0.079
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.200	0.080

Standard Deviations	0.0003	0.0004	0.0004	0.0005
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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.

Taylor D Gutschow TAYLOR D GUTSCHOW
Signature and Printed Name

10/17/2022
Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006169, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006169</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/17/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:32</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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10/17/2022

Date


TAYLOR D GUTSCHOW,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1