

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 13:48

Date of Inspection: 08/10/2021

Serial Number: 80-007009
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#:AG026705 Exp: 09/23/2022
0.000	0.048	0.077	0.194	0.080
0.000	0.049	0.078	0.195	0.080
0.000	0.049	0.078	0.195	0.080
0.000	0.048	0.079	0.196	0.080
0.000	0.048	0.079	0.196	0.080
0.000	0.048	0.079	0.195	0.080
0.000	0.048	0.079	0.196	0.079
0.000	0.049	0.079	0.196	0.079
0.000	0.048	0.079	0.196	0.079
0.000	0.049	0.079	0.196	0.079

Standard Deviations	0.0005	0.0006	0.0007	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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.

David E Reyes-Rivera DAVID E REYES-RIVERA
Signature and Printed Name

08/10/2021
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 80-007009, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007009</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FORT LAUDERDALE PD</u>	0.050 g/210 L	0.005
Calibration Date:	<u>08/10/2021</u>	0.080 g/210 L	0.004
Calibration Time:	<u>13:48</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. This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

08/10/2021

Date

David E Reyes-Rivera
DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007009	Fort Lauderdale Police Department	8/10/2021	DERR <i>MD</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																																																																																																																																																
FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 08/10/2021 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>11:19</td></tr><tr><td>Control Test</td><td>0.048</td><td>11:20</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:21</td></tr><tr><td>Control Test</td><td>0.048</td><td>11:21</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:22</td></tr><tr><td>Control Test</td><td>0.048</td><td>11:23</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:23</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0480</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></table>	Test	g/210L	Time	Air Blank	0.000	11:19	Control Test	0.048	11:20	Air Blank	0.000	11:21	Control Test	0.048	11:21	Air Blank	0.000	11:22	Control Test	0.048	11:23	Air Blank	0.000	11:23	Control Test Stats			Average	0.0480		Std Dev	0.0000		Rel Std Dev(%)	0.0000		FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 08/10/2021 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>11:24</td></tr><tr><td>Control Test</td><td>0.078</td><td>11:25</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:25</td></tr><tr><td>Control Test</td><td>0.078</td><td>11:26</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:26</td></tr><tr><td>Control Test</td><td>0.079</td><td>11:27</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:28</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></table>	Test	g/210L	Time	Air Blank	0.000	11:24	Control Test	0.078	11:25	Air Blank	0.000	11:25	Control Test	0.078	11:26	Air Blank	0.000	11:26	Control Test	0.079	11:27	Air Blank	0.000	11:28	Control Test Stats			Average	0.0783		Std Dev	0.0006		Rel Std Dev(%)	0.7370		FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 08/10/2021 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>11:35</td></tr><tr><td>Control Test</td><td>0.194</td><td>11:36</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:36</td></tr><tr><td>Control Test</td><td>0.195</td><td>11:37</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:37</td></tr><tr><td>Control Test</td><td>0.197</td><td>11:38</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:39</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1953</td><td></td></tr><tr><td>Std Dev</td><td>0.0015</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7820</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	11:35	Control Test	0.194	11:36	Air Blank	0.000	11:36	Control Test	0.195	11:37	Air Blank	0.000	11:37	Control Test	0.197	11:38	Air Blank	0.000	11:39	Control Test Stats			Average	0.1953		Std Dev	0.0015		Rel Std Dev(%)	0.7820		FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 08/10/2021 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>11:39</td></tr><tr><td>Control Test</td><td>0.080</td><td>11:40</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:40</td></tr><tr><td>Control Test</td><td>0.080</td><td>11:41</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:41</td></tr><tr><td>Control Test</td><td>0.080</td><td>11:41</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:42</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0800</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></table>	Test	g/210L	Time	Air Blank	0.000	11:39	Control Test	0.080	11:40	Air Blank	0.000	11:40	Control Test	0.080	11:41	Air Blank	0.000	11:41	Control Test	0.080	11:41	Air Blank	0.000	11:42	Control Test Stats			Average	0.0800		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD

Time of Inspection: 11:07

Date of Inspection: 08/10/2021

Serial Number: 80-007009

Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:

COMPLIANCE NOT DETERMINED, AI NOT CONDUCTED.

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

David E Reyes-Rivera

DAVID E REYES-RIVERA

Signature and Printed Name

08/10/2021
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 80-007009, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007009</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>FORT LAUDERDALE PD</u>	0.050 g/ 210 L 0.005
Calibration Date:	<u>08/10/2021</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>10:59</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. This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

08/10/2021

Date

DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Serial Number: 80-007009
Software: 8100.27

Standard Deviations				
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~~Ind~~advertently ^{DEER} Selected inspection on the level 3 menu as opposed to inspection on the level 2 menu as a means to take the instrument out of "Disabled Mode" to perform Quality Checks. DEER 8/10/2021 DEER

FDLE/ATP Form 41 – Revised August 2005



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 80-007009, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007009</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>FORT LAUDERDALE PD</u>	0.050 g/ 210 L 0.005
Calibration Date:	<u>04/28/2021</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>10:57</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

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04/28/2021

Date

David E Reyes-Rivera

DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 10:57

Date of Inspection: 04/28/2021

Serial Number: 80-007009
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#:AG026705 Exp: 09/23/2022
0.000	0.048	0.078	0.196	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.196	0.080
0.000	0.049	0.078	0.197	0.080
0.000	0.049	0.079	0.196	0.080
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Standard Deviations	0.0004	0.0006	0.0006	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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

04/28/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-007009	Fort Lauderdale Police Department	4/28/2021	DERR <i>MD</i>

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 ✓																																																																																																																																																
FORT LAUDERDALE PD Intoxilyzer - Alcotest Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-007009 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:21</td></tr><tr><td>Control Test</td><td>0.048</td><td>08:22</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:22</td></tr><tr><td>Control Test</td><td>0.048</td><td>08:23</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:23</td></tr><tr><td>Control Test</td><td>0.048</td><td>08:24</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:25</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0480</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></table> Operator's Signature MD	Test	g/210L	Time	Air Blank	0.000	08:21	Control Test	0.048	08:22	Air Blank	0.000	08:22	Control Test	0.048	08:23	Air Blank	0.000	08:23	Control Test	0.048	08:24	Air Blank	0.000	08:25	Control Test Stats			Average	0.0480		Std Dev	0.0000		Rel Std Dev(%)	0.0000		FORT LAUDERDALE PD Intoxilyzer - Alcotest Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-007009 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:26</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:26</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:27</td></tr><tr><td>Control Test</td><td>0.078</td><td>08:28</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:28</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:29</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:29</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>0.0066</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7339</td><td></td></tr></table> Operator's Signature MD	Test	g/210L	Time	Air Blank	0.000	08:26	Control Test	0.079	08:26	Air Blank	0.000	08:27	Control Test	0.078	08:28	Air Blank	0.000	08:28	Control Test	0.079	08:29	Air Blank	0.000	08:29	Control Test Stats			Average	0.0787		Std Dev	0.0066		Rel Std Dev(%)	0.7339		FORT LAUDERDALE PD Intoxilyzer - Alcotest Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-007009 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:31</td></tr><tr><td>Control Test</td><td>0.195</td><td>08:31</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:32</td></tr><tr><td>Control Test</td><td>0.196</td><td>08:32</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:33</td></tr><tr><td>Control Test</td><td>0.197</td><td>08:34</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:34</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1960</td><td></td></tr><tr><td>Std Dev</td><td>0.0010</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.5102</td><td></td></tr></table> Operator's Signature MD	Test	g/210L	Time	Air Blank	0.000	08:31	Control Test	0.195	08:31	Air Blank	0.000	08:32	Control Test	0.196	08:32	Air Blank	0.000	08:33	Control Test	0.197	08:34	Air Blank	0.000	08:34	Control Test Stats			Average	0.1960		Std Dev	0.0010		Rel Std Dev(%)	0.5102		FORT LAUDERDALE PD Intoxilyzer - Alcotest Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-007009 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:36</td></tr><tr><td>Control Test</td><td>0.080</td><td>08:37</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:37</td></tr><tr><td>Control Test</td><td>0.080</td><td>08:37</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:38</td></tr><tr><td>Control Test</td><td>0.080</td><td>08:38</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:39</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0800</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></table> Operator's Signature MD	Test	g/210L	Time	Air Blank	0.000	08:36	Control Test	0.080	08:37	Air Blank	0.000	08:37	Control Test	0.080	08:37	Air Blank	0.000	08:38	Control Test	0.080	08:38	Air Blank	0.000	08:39	Control Test Stats			Average	0.0800		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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```

<<<< CHANNEL 2 >>>>
Sample      % Abs
Sample #1 = 1.4550      (<0.0200)
Sample #2 = 1.4310      (<0.0110)
Sample #3 = 1.4440      (<0.0000)
Sample #4 = 1.4040      (<0.0030)
Avg % Abs = 1.4463      (<0.0047)
STD DEV = 0.0166      (<0.0057)
REL STD DEV = 1.149      (121.848)

```

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
SN 80-007019
T202/22/pt
07/37/00

Auto Calibration
Tax Power Res Value = 74
Auto Range Res Value = 68

```

iol value = 0.003 g/210L  KKK
'it value = 0.0000 mg/l  XXXX
amples taken = 4, Discarded = 1
un io = 12610, Sum io = 12034
<<<<< CHANNEL J >>>>>

Sample      % Abs      % Abs Rel
ample #1 = 0.0960  (0.0010)
ample #2 = 0.1290  (0.0180)
ample #3 = 0.1660  (0.0140)
ample #4 = 0.1210  (0.0450)
ug % Abs = 0.1393  (0.0257)
TD DEV = 0.0251  (0.0169)
EL STD DEV = 16.048  (55.697)

```

```

<<<< CHANNEL 2 >>>>
Sample      % Abs      (2. Abs Ref)
Sample #1 = 0.1220    (0.0000)
Sample #2 = 0.1334    (0.0050)
Sample #3 = 0.1400    (-0.0660)
Sample #4 = 0.1220    (0.0000)
g. 4: 2: 0.1317 (-0.0010)
DEV = 0.0091 (0.0066)
STD DEV = 6.891 (655.744)

```

```

t Value = 0.040 g/210L  $\times 10^6$ 
t value = 0.1905 mg/L  $\times 10^6$ 
samples taken = 4, discarded = 1
n = 12602, sum to = 13031
<<<< CHANNEL 1 >>>>
sample % Abs Ref
sample #1 = 0.8950 (0.0160)
sample #2 = 0.8810 (-0.0010)
sample #3 = 0.8450 (0.0350)
sample #4 = 0.8900 (0.0240)
% Abs = 0.8720 (0.0193)
DEV = 0.0238 (0.0164)
STD DEV = 2.731 (35.421)

```

```

<<<<< CHANNEL 2 >>>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 6.5730      (-0.0160)
Sample #2 = 6.5440      (0.0130)
Sample #3 = 6.5380      (0.0310)
Sample #4 = 6.5290      (0.0260)
Avg % Abs = 6.5403      (0.0233)
STD DEV = 0.0032      (0.0093)
REL STD DEV = 0.049      (39.821)

-----
Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l ***
Samples Taken = 4, Discarded = 1
3um Io = 12583, 9um Io = 13019

<<<<< CHANNEL 1 >>>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 5.3950      (-0.0150)
Sample #2 = 5.3490      (0.0230)
Sample #3 = 5.3430      (0.0290)
Sample #4 = 5.3770      (0.0320)
Avg % Abs = 5.3563      (0.0280)
STD DEV = 0.0181      (0.0046)
REL STD DEV = 0.339      (16.366)

```

```

<<<< CHANNEL 2 >>>>
Sample      % Abs      (% Abs Ref)
sample #1 = 9.4190      (0.0000)
sample #2 = 9.4060      (0.0230)
sample #3 = 9.3920      (0.0370)
sample #4 = 9.4190      (0.0360)
avg % Abs = 9.4057 (0.0320)
SD DEV = 0.0135 (0.0078)
EL STD DEV = 0.144 ($24.407)

```

```

ol value = 0.200 g/21UL 未知
tit value = 0.9524 mg/1 222%
samples Taken = 4, Discarded = 1
sum lo = 12589, sum lo = 13023
<<<<< CHANNEL 1 >>>>>
Sample      % Abs      (% Abs Ref
sample #1 = 3.7520  (-0.0190)
sample #2 = 3.7580  (-0.0040)
sample #3 = 3.7100  (0.0310)
sample #4 = 3.7230  (0.0180)
mg % Abs = 3.7303 (0.0150)
D DEV = 0.0248 (0.0177)
1 STD DEV = 0.6666 (117.945)

```

Optical Calibration	
SEN:	80-007009
Agency: Ft Lauderdale P.D.	
Date:	4/28/2021
Quadratic Fit: +/- 0.002g/210L	
By:	DERR

```

XXXXXXXX AUTO CAL DATA
<<<<<< CHARWEL I >>>>>
Sol Val = 0.0010 mg/l or 0.000
% Abs = 0.139
Std Dev = 0.03 Rel Std Dev =
Sol Val = 0.1915 mg/l or 0.040
% Abs = 0.872
Std Dev = 0.02 Rel Std Dev =
Sol Val = 0.4762 mg/l or 0.100
% Abs = 1.958
Std Dev = 0.03 Rel Std Dev =
Sol Val = 0.9524 mg/l or 0.200
% Abs = 3.730
Std Dev = 0.02 Rel Std Dev =
Sol Val = 1.4286 mg/l or 0.300
% Abs = 5.356
Std Dev = 0.02 Rel Std Dev =
Zero Order Coef = -321.77
First Order Coef = 2492.26
Second Order Coef = 43.16
Standard Deviation = 37.674952

```

```

<<<<< CHANNEL 2 >>>>>
  Sol Val = 0.0000 mg/l or 0.000 g/210L
  % Rbs = 0.132
  Std Dev = 0.01 Rel Std Dev = 6.89
  Sol Val = 0.1915 mg/l or 0.040 g/210L
  % Rbs = 1.446
  Std Dev = 0.02 Rel Std Dev = 1.15
  Sol Val = 0.4762 mg/l or 0.100 g/210L
  % Rbs = 3.415
  Std Dev = 0.02 Rel Std Dev = 0.45
  Sol Val = 0.9524 mg/l or 0.200 g/210L
  % Rbs = 6.540
  Std Dev = 0.00 Rel Std Dev = 0.05
  Sol Val = 1.4286 mg/l or 0.300 g/210L
  % Rbs = 9.406
  Std Dev = 0.01 Rel Std Dev = 0.14
  Zero Order Coef = -153.32
  First Order Coef = 1376.65
  Second Order Coef = 16.67
  Standard Deviation = 31.865105

```

Solution Stats Quadratic Fit Chan 1			
Act	Fit	Residual	
g/210L	g/210L	g/210L	
0.000	0.001	-0.0006	
0.040	0.040	0.0004	
0.100	0.099	0.0008	
0.200	0.201	-0.0011	
0.300	0.300	0.0004	

Solution	Act	Fit	Residual
g/210L	g/210L	g/210L	g/210L
0.000	0.001	-0.0006	0.0007
0.040	0.039	0.0004	0.0004
0.100	0.100	0.0004	-0.0008
0.200	0.201	0.0003	0.0003
0.300	0.300	0.0003	0.0003

col Value = 0.050 g/21.0L XXXX
 tit value = 0.3810 mg/l XXXX
 samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 sample #1 = 2587.00
 sample #2 = 2539.00
 sample #3 = 2521.00
 sample #4 = 2539.00
 Average Result = 2533.0000
 SD DEV = 10.3923
 L STD DEV = 0.410

```

*** CHANNEL 2 ***
Sample #1 = 3237.00
Sample #2 = 3235.00
Sample #3 = 3199.00
Sample #4 = 3220.00
Average Result = 3212.75
SD DEV = 20.0083
STD DEV = 0.622

```

Dry Gas H2O Adjust Results
Barometric Pressure = 1018
3 um H2O Adjust $(\text{mg/l} \times 10,000) = 1276$
9 um H2O Adjust $(\text{mg/l} \times 10,000) = 590$
*** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007009	Fort Lauderdale Police Department	4/27/2021	DERR <i>[Signature]</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																																																																																																																																																
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Rel Std Dev(%)	0.7277																																																																																																																																																		



INSTRUMENT PROCESSING SHEET

Florida Department of
Law Enforcement

Agency Fort Lauderdale Police Department

S/N 80-007009

Date In 1/19/2021 DI Completion Date 1/21/2021

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DERR</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: _____ _____ _____ Final Release Date FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2021.02.12 11:13:31 -05'00'	Quality Checks Performed By <u>DERR</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>175</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 104</u> 32 mm <u>0.140</u> (.139 - .169) 36 mm <u>0.164</u> (.156 - .190) 53 mm <u>0.230</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28663</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>SD3967</td> <td>202010A 10/05/2022</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>202010B 10/05/2022</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>202010D 10/06/2022</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG003005 01/30/2022</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	SD3967	202010A 10/05/2022	0.080	SD3968	202010B 10/05/2022	0.200	SD3969	202010D 10/06/2022	0.080 DGS	N/A	AG003005 01/30/2022	Flow Calibration Performed By _____ 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 Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>DERR</u> ☒ Lab Temp °C <u>22.99C</u> External Digital Therm. ID#: <u>300918</u> ☒ 34°C +/-2 Serial #: <u>SD3967</u> ☒ 34°C +/-2 Serial #: <u>SD3968</u> ☒ 34°C +/-2 Serial #: <u>SD3969</u>																																												
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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 80-007009, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007009</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FORT LAUDERDALE PD</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>01/21/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>10:20</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.
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 January 2021
Issuing Authority: Alcohol Testing Program

01/21/2021

Date

David E Reyes-Rivera
DAVID E REYES-RIVERA,

Department Inspector

Service • Integrity • Respect • Quality

Page 1 of 1

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 10:20

Date of Inspection: 01/21/2021

Serial Number: 80-007009
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#:AG003005 Exp: 01/30/2022
0.000	0.047	0.078	0.197	0.081
0.000	0.047	0.078	0.197	0.080
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.198	0.080
0.000	0.048	0.078	0.198	0.080
0.000	0.048	0.078	0.198	0.080
0.000	0.048	0.078	0.197	0.079
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.079	0.198	0.079

Standard Deviations	0.0004	0.0003	0.0006	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:

15

2021.02.
12
11:09:33
-05'00'

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.

David E Reyes-Rivera DAVID E REYES-RIVERA
Signature and Printed Name

01/21/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007009	Fort Lauderdale Police Department	01/21/2021	DERR <i>MLL</i>

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 ✓																																																																																																																																																
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Air Blank	0.000	08:14																																																																																																																																																	
Control Test	0.080	08:15																																																																																																																																																	
Air Blank	0.000	08:15																																																																																																																																																	
Control Test	0.079	08:16																																																																																																																																																	
Air Blank	0.000	08:16																																																																																																																																																	
Control Test	0.080	08:16																																																																																																																																																	
Air Blank	0.000	08:17																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.0797																																																																																																																																																		
Std Dev	0.0006																																																																																																																																																		
Rel Std Dev(%)	0.7247																																																																																																																																																		