



# INSTRUMENT PROCESSING SHEET

Agency Ft. Lauderdale Police Department

S/N 80-007009

Florida Department of  
Law Enforcement

Date In 12/12/2022

DI Completion Date 12/13/2022

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By DERR	Quality Checks	By DERR	Date <u>12/13/2022</u>	Flow Calibration	By DERR	Date <u>12/13/2022</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: _____ _____ _____ _____ _____ _____ _____		<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>100</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.062</u> (.139 - .169) 36 mm <u>0.078</u> (.156 - .190) 53 mm <u>0.160</u> (.228 - .278) 103 mm <u>0.476</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28199</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # <u>ATP106</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>100</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.140</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)																																																														
					<b>Maintenance</b> By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ _____ _____ _____ _____																																																														
<b>Calibration Adjustment</b> 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> <input type="checkbox"/> 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>					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			<b>Department Inspection</b> By _____ Barometric Pressure ID# <u>28663</u> Gauge <u>1017</u> Instrument <u>1015</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</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>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>			Simulator	Serial Number	0.000	MP6284	Interferent	MP6285	0.050	MP6286	0.080	MP6287	0.200	MP6288
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 Number																																																																		
0.000	MP6284																																																																		
Interferent	MP6285																																																																		
0.050	MP6286																																																																		
0.080	MP6287																																																																		
0.200	MP6288																																																																		
<b>Attachments</b> <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Calibration Adjustment					<input type="checkbox"/> Post-Stability Checks <input checked="" type="checkbox"/> Flow Calibration <input type="checkbox"/> Form 40 <input type="checkbox"/> Other _____																																																														
Notes/Suggested Service: <u>Suggest the instrument is sent to repair to bring the R value up, it meets the minimum requirements of 100. DERR</u> _____ _____ _____ _____ _____					<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																																																														
Phil Nicodemus <small>Digitally signed by Phil Nicodemus Date: 2022.12.15 09:28:58 -0500</small>					Israel Soto <small>Digitally signed by Israel Soto Date: 2022.12.15 14:44:19 -0500</small>																																																														
Tech Review / Date _____					Admin Review / 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	0.004
Calibration Date:	<u>12/13/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:04</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  $\pm 0.005$  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.

12/13/2022

Date

  
DAVID E REYES-RIVERA,  
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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: 09:04

Date of Inspection: 12/13/2022

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#: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	0.198	0.081
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.050	0.079	0.198	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.078	0.198	0.080
0.000	0.050	0.078	0.198	0.080
0.000	0.050	0.078	0.198	0.080
0.000	0.049	0.079	0.198	0.080

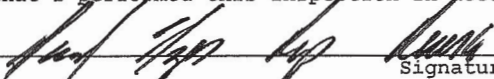
Standard Deviations	0.0004	0.0005	0.0000	0.0003
---------------------	--------	--------	--------	--------

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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  
 Signature and Printed Name

12/13/2022  
 Date



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007009	Ft. Lauderdale Police Department	12/13/2022	DERR <i>[Signature]</i>

0.05g/210L 0.047 to 0.053 <input checked="" type="checkbox"/>	0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>	0.20g/210L 0.194 to 0.206 <input checked="" type="checkbox"/>	DGS 0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>																																																																																																																																																
<p>FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007009 12/13/2022 Software: 8100.27</p> <table> <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>06:46</td></tr> <tr><td>Control Test</td><td>0.050</td><td>06:47</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:47</td></tr> <tr><td>Control Test</td><td>0.049</td><td>06:48</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:49</td></tr> <tr><td>Control Test</td><td>0.048</td><td>06:49</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:50</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>0.0010</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>2.0408</td><td></td></tr> </tbody> </table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	06:46	Control Test	0.050	06:47	Air Blank	0.000	06:47	Control Test	0.049	06:48	Air Blank	0.000	06:49	Control Test	0.048	06:49	Air Blank	0.000	06:50	Control Test Stats			Average	0.0490		Std Dev	0.0010		Rel Std Dev(%)	2.0408		<p>FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007009 12/13/2022 Software: 8100.27</p> <table> <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>06:56</td></tr> <tr><td>Control Test</td><td>0.078</td><td>06:57</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:57</td></tr> <tr><td>Control Test</td><td>0.079</td><td>06:58</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:58</td></tr> <tr><td>Control Test</td><td>0.078</td><td>06:59</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:00</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><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	06:56	Control Test	0.078	06:57	Air Blank	0.000	06:57	Control Test	0.079	06:58	Air Blank	0.000	06:58	Control Test	0.078	06:59	Air Blank	0.000	07:00	Control Test Stats			Average	0.0783		Std Dev	0.0006		Rel Std Dev(%)	0.7370		<p>FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007009 12/13/2022 Software: 8100.27</p> <table> <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>07:01</td></tr> <tr><td>Control Test</td><td>0.199</td><td>07:01</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:02</td></tr> <tr><td>Control Test</td><td>0.199</td><td>07:03</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:03</td></tr> <tr><td>Control Test</td><td>0.199</td><td>07:04</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:04</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1990</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><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:01	Control Test	0.199	07:01	Air Blank	0.000	07:02	Control Test	0.199	07:03	Air Blank	0.000	07:03	Control Test	0.199	07:04	Air Blank	0.000	07:04	Control Test Stats			Average	0.1990		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>FORT LAUDERDALE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007009 12/13/2022 Software: 8100.27</p> <table> <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>07:05</td></tr> <tr><td>Control Test</td><td>0.080</td><td>07:05</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:06</td></tr> <tr><td>Control Test</td><td>0.081</td><td>07:06</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:07</td></tr> <tr><td>Control Test</td><td>0.080</td><td>07:07</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>07:08</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0803</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7187</td><td></td></tr> </tbody> </table> <p><i>[Signature]</i> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	07:05	Control Test	0.080	07:05	Air Blank	0.000	07:06	Control Test	0.081	07:06	Air Blank	0.000	07:07	Control Test	0.080	07:07	Air Blank	0.000	07:08	Control Test Stats			Average	0.0803		Std Dev	0.0006		Rel Std Dev(%)	0.7187	
Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	06:46																																																																																																																																																	
Control Test	0.050	06:47																																																																																																																																																	
Air Blank	0.000	06:47																																																																																																																																																	
Control Test	0.049	06:48																																																																																																																																																	
Air Blank	0.000	06:49																																																																																																																																																	
Control Test	0.048	06:49																																																																																																																																																	
Air Blank	0.000	06:50																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.0490																																																																																																																																																		
Std Dev	0.0010																																																																																																																																																		
Rel Std Dev(%)	2.0408																																																																																																																																																		
Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	06:56																																																																																																																																																	
Control Test	0.078	06:57																																																																																																																																																	
Air Blank	0.000	06:57																																																																																																																																																	
Control Test	0.079	06:58																																																																																																																																																	
Air Blank	0.000	06:58																																																																																																																																																	
Control Test	0.078	06:59																																																																																																																																																	
Air Blank	0.000	07:00																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.0783																																																																																																																																																		
Std Dev	0.0006																																																																																																																																																		
Rel Std Dev(%)	0.7370																																																																																																																																																		
Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	07:01																																																																																																																																																	
Control Test	0.199	07:01																																																																																																																																																	
Air Blank	0.000	07:02																																																																																																																																																	
Control Test	0.199	07:03																																																																																																																																																	
Air Blank	0.000	07:03																																																																																																																																																	
Control Test	0.199	07:04																																																																																																																																																	
Air Blank	0.000	07:04																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.1990																																																																																																																																																		
Std Dev	0.0000																																																																																																																																																		
Rel Std Dev(%)	0.0000																																																																																																																																																		
Test	g/210L	Time																																																																																																																																																	
Air Blank	0.000	07:05																																																																																																																																																	
Control Test	0.080	07:05																																																																																																																																																	
Air Blank	0.000	07:06																																																																																																																																																	
Control Test	0.081	07:06																																																																																																																																																	
Air Blank	0.000	07:07																																																																																																																																																	
Control Test	0.080	07:07																																																																																																																																																	
Air Blank	0.000	07:08																																																																																																																																																	
Control Test Stats																																																																																																																																																			
Average	0.0803																																																																																																																																																		
Std Dev	0.0006																																																																																																																																																		
Rel Std Dev(%)	0.7187																																																																																																																																																		

FORT LAUDERDALE PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007009  
12/13/2022  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SQRT(Diff) = 4.242  
2: Rate (Liters/min) = 15  
SQRT(Diff) = 9.379  
3: Rate (Liters/min) = 30  
SQRT(Diff) = 19.621  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 626  
Rounded Intercept = -109244  
Correlation = 0.99723

Flow Calibration	
SN:	80-007009
Agency:	Ft. Lauderdale Police Department
Date:	12/13//2022
By:	DERR 