



# INSTRUMENT PROCESSING SHEET

Agency Broward County SOS/N 80-007107Florida Department of  
Law EnforcementDate In 05/11/2020 DI Completion Date 05/15/2020 Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>MH</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: _____ _____ _____	<b>Quality Checks</b> Performed By <u>MH</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>102</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.101</u> (.139 - .169) 36 mm <u>0.125</u> (.156 - .190) 53 mm <u>0.210</u> (.228 - .278) 103 mm <u>0.511</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28199</u> <input checked="" type="checkbox"/> 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 rowspan="2">MP4863</td> <td>201905A 05/14/2021</td> </tr> <tr> <td>0.080</td> <td>201905B 05/14/2021</td> </tr> <tr> <td>0.200</td> <td rowspan="2">MP5097</td> <td>201904D 04/30/2021</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A AG931603 11/12/2021</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP4863	201905A 05/14/2021	0.080	201905B 05/14/2021	0.200	MP5097	201904D 04/30/2021	0.080 DGS	N/A AG931603 11/12/2021	<b>Flow Calibration</b> Performed By <u>MH</u> Flow Column # <u>ATP 104</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>103</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547) <b>Maintenance</b> Performed By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ <b>Temperature Checks</b> Performed By <u>MH</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.59</u> External Digital Therm. ID#: <u>300918</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>MP4863</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>MP4864</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>MP5097</u>																																															
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<b>Calibration Adjustment</b> Performed By _____ Barometric Pressure Gauge ID # _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</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 Number</th> <th>Lot Number</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 Number	Lot Number	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Simulator	Serial Number	Lot Number	Expiration	0.050				0.080				0.200				0.080 DGS	N/A			<b>Department Inspection</b> Performed By <u>MH</u> Barometric Pressure ID# <u>28663</u> Gauge <u>1015</u> Instrument <u>1014</u> Mouth Alcohol Solution Lot # <u>2019-A</u> Acetone Stock Solution Lot # <u>2019-B</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>SD1014</td> </tr> <tr> <td>Interferent</td> <td>SD1015</td> </tr> <tr> <td>0.050</td> <td>MP4863</td> </tr> <tr> <td>0.080</td> <td>MP4864</td> </tr> <tr> <td>0.200</td> <td>MP5097</td> </tr> </tbody> </table> <b>Attachments</b> <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 _____		Simulator	Serial Number	0.000	SD1014	Interferent	SD1015	0.050	MP4863	0.080	MP4864	0.200	MP5097
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Notes/Suggested Service: <u>E-mailed</u>  <div style="border: 1px solid blue; padding: 5px; display: inline-block;"> <input checked="" type="checkbox"/> </div> <span style="color: red; font-weight: bold; font-size: 1.2em;">APPROVED</span> <u>05/27/20</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  <u>SP 6/5/2020</u> <u>Brett Kirkland 6/5/2020</u> Tech Review / Date Admin Review / Date																																																													

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY S.O.  
Time of Inspection: 11:08

Date of Inspection: 05/15/2020

Serial Number: 80-007107  
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG003005 Exp: 01/30/2022
0.000	0.048	0.079	0.199	0.080
0.000	0.048	0.079	0.199	0.079
0.000	0.048	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.080
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0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.200	0.078

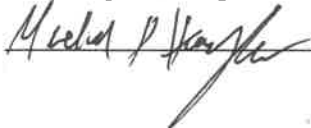
Standard Deviations	0.0004	0.0005	0.0005	0.0008
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

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.



MICHAEL D HAUGHEY

Signature and Printed Name

05/15/2020  
Date

*SP BK 6/8/2020*

<b>TYPE OF TEST</b>	<b>SERIAL NUMBER</b>	<b>AGENCY</b>	<b>DATE</b>	<b>PERFORMED BY</b>
Stabilities	80-00767	Broward County SO	05/15/2020	MX

<b>0.05g/210L</b>	<b>0.08g/210L</b>	<b>0.20g/210L</b>	<b>DGS 0.08g/210L</b>
<b>0.047 to 0.053</b> <input checked="" type="checkbox"/>	<b>0.077 to 0.083</b> <input checked="" type="checkbox"/>	<b>0.194 to 0.206</b> <input checked="" type="checkbox"/>	<b>0.077 to 0.083</b> <input checked="" type="checkbox"/>

*MX*

BROWARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007107  
05/15/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:52
Control Test	0.048	08:52
Air Blank	0.000	08:53
Control Test	0.048	08:54
Air Blank	0.000	08:54
Control Test	0.048	08:55
Air Blank	0.000	08:55
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

BROWARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007107  
05/15/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:57
Control Test	0.079	08:57
Air Blank	0.000	08:58
Control Test	0.079	08:58
Air Blank	0.000	08:59
Control Test	0.079	09:00
Air Blank	0.000	09:00
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

BROWARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007107  
05/15/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:02
Control Test	0.200	09:03
Air Blank	0.000	09:03
Control Test	0.199	09:04
Air Blank	0.000	09:05
Control Test	0.199	09:05
Air Blank	0.000	09:06
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel. Std Dev(%)	0.2896	

BROWARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007107  
05/15/2020  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:09
Control Test	0.080	09:09
Air Blank	0.000	09:09
Control Test	0.080	09:10
Air Blank	0.000	09:10
Control Test	0.079	09:10
Air Blank	0.000	09:11
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel. Std Dev(%)	0.7247	

*MX*

Operator's Signature

*MX*

Operator's Signature

*MX*

Operator's Signature

*MX*

Operator's Signature

*SR BK 6/8/2020*



# 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 80-007107, manufactured by CML, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007107</u>	UNCERTAINTY* ±
Owning Agency:	<u>BROWARD COUNTY S.O.</u>	0.050 g/ 210 L      0.004
Calibration Date:	<u>05/15/2020</u>	0.080 g/ 210 L      0.005
Calibration Time:	<u>11:08</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.

05/15/2020 Date  
Michael D Haughey  
MICHAEL D HAUGHEY,  
Department Inspector

FDLE/ATP Form 69 April 2020  
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

SR  
7/18/2020

# Flow Calibration

05/15/2020

80-007107



BROWARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-007107  
05/15/2020  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SQRT(D1FF) = 5.098  
2: Rate (Liters/min) = 15  
SQRT(D1FF) = 10.000  
3: Rate (Liters/min) = 30  
SQRT(D1FF) = 20.223  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 635  
Rounded Intercept = -246100  
Correlation = 0.99636

SR  
RPL  
6/8/2020