



# INSTRUMENT PROCESSING SHEET

Agency Broward County Sheriffs OfficeS/N 80-001250Florida Department of  
Law EnforcementDate In 02/18/2019DI Completion Date 02/19/2019 Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>DELL</u>		<b>Quality Checks</b> Performed By <u>DELL</u>		<b>Flow Calibration</b> Performed By <u>DELL</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>112</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>.132</u> (.139 - .169) 36 mm <u>.148</u> (.156 - .190) 53 mm <u>.228</u> (.228 - .278) 103 mm <u>.500</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28663</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>112</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>.148</u> (.139 - .169) 36 mm <u>.175</u> (.156 - .190) 53 mm <u>.250</u> (.228 - .278) 103 mm <u>.507</u> (.447 - .547)																																																													
<b>Final Release Date</b>		<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>SD3967</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701 02/26/2020</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.050	SD3967	201707D 07/25/2019	0.080	SD3968	201707E 07/25/2019	0.200	SD3969	201707C 07/24/2019	0.080 DGS	N/A	AG805701 02/26/2020	<b>Maintenance</b> Performed By <u>DELL</u> <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input checked="" type="checkbox"/> Other <u>Forms load/ Changed pass</u>																																														
Simulator	Serial #	Lot #/Exp																																																															
0.050	SD3967	201707D 07/25/2019																																																															
0.080	SD3968	201707E 07/25/2019																																																															
0.200	SD3969	201707C 07/24/2019																																																															
0.080 DGS	N/A	AG805701 02/26/2020																																																															
FDLE  MAR 04 2019  Alcohol Testing Program		<b>Temperature Checks</b> Performed By <u>DELL</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.47C</u> External Digital Therm. ID#: <u>300918</u> <input checked="" type="checkbox"/> 34°C +- .2 Serial #: <u>SD3967</u> <input checked="" type="checkbox"/> 34°C +- .2 Serial #: <u>SD3968</u> <input checked="" type="checkbox"/> 34°C +- .2 Serial #: <u>SD3969</u>																																																															
<b>Calibration Adjustment</b> Performed By _____		<b>Department Inspection</b> Performed By <u>DELL</u>																																																															
Barometric Pressure Gauge _____ ID # _____ <table border="1"> <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"> <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			Barometric Pressure ID# <u>68639</u> Gauge <u>1019</u> Instrument <u>1016</u> Mouth Alcohol Solution Lot # <u>2017-B</u> Acetone Stock Solution Lot # <u>2018-A</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>SD3965</td> </tr> <tr> <td>Interferent</td> <td>SD3963</td> </tr> <tr> <td>0.050</td> <td>SD3967</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> </tr> </tbody> </table>				Simulator	Serial Number	0.000	SD3965	Interferent	SD3963	0.050	SD3967	0.080	SD3968	0.200	SD3969
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																																																																
Simulator	Serial Number																																																																
0.000	SD3965																																																																
Interferent	SD3963																																																																
0.050	SD3967																																																																
0.080	SD3968																																																																
0.200	SD3969																																																																
Notes/Suggested Service: E-mailed <input checked="" type="checkbox"/> <b>APPROVED</b> Conducted flow calibration to bring values closer to nominal. _____ _____ _____		<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 _____																																																															
<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		Tech Review / Date <u>3/4/19</u> Admin Review / Date <u>3/4/19</u>																																																															

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO  
Time of Inspection: 08:36

Date of Inspection: 02/19/2019

Serial Number: 80-001250  
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805702 Exp: 02/26/2020
0.000	0.048	0.081	0.199	0.079
0.000	0.049	0.081	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.081	0.200	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.198	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.081	0.199	0.079
0.000	0.049	0.081	0.199	0.079

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

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

*Pgm*

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

02/19/2019  
Date

*3/4/19  
JD*

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001250	Broward County Sheriff's Office	02/19/2019	<i>Deek</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																			
SN: SD3967 Temp: 34.08C <b>0.047 to 0.053</b> <input checked="" type="checkbox"/>	SN: SD3968 Temp: 34.07C <b>0.077 to 0.083</b> <input checked="" type="checkbox"/>	SN: SD3969 Temp: 34.09C <b>0.194 to 0.206</b> <input checked="" type="checkbox"/>	Lot AG805701 <b>0.077 to 0.083</b> <input checked="" type="checkbox"/>																																																																																																																																																			
BROWARD COUNTY SO Intoxilyzer - Alconol Analyzer Model: 8000 SN: 80-001250 02/19/2019 Software: 8100.27	BROWARD COUNTY SO Intoxilyzer - Alconol Analyzer Model: 8000 SN: 80-001250 02/19/2019 Software: 8100.27	BROWARD COUNTY SO Intoxilyzer - Alconol Analyzer Model: 8000 SN: 80-001250 02/19/2019 Software: 8100.27	BROWARD COUNTY SO Intoxilyzer - Alconol Analyzer Model: 8000 SN: 80-001250 02/19/2019 Software: 8100.27																																																																																																																																																			
<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>06:29</td></tr> <tr><td>Control Test</td><td>0.049</td><td>06:30</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:30</td></tr> <tr><td>Control Test</td><td>0.049</td><td>06:31</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:31</td></tr> <tr><td>Control Test</td><td>0.049</td><td>06:32</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:32</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>	Test	g/210L	Time	Air Blank	0.000	06:29	Control Test	0.049	06:30	Air Blank	0.000	06:30	Control Test	0.049	06:31	Air Blank	0.000	06:31	Control Test	0.049	06:32	Air Blank	0.000	06:32	Control Test Stats			Average	0.0490		Std Dev	0.0000		Rel. Std Dev(%)	0.0000		<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>06:33</td></tr> <tr><td>Control Test</td><td>0.080</td><td>06:34</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:35</td></tr> <tr><td>Control Test</td><td>0.080</td><td>06:35</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:35</td></tr> <tr><td>Control Test</td><td>0.080</td><td>06:36</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:36</td></tr> <tr><td>Control Test</td><td>0.080</td><td>06:37</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> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	06:33	Control Test	0.080	06:34	Air Blank	0.000	06:35	Control Test	0.080	06:35	Air Blank	0.000	06:35	Control Test	0.080	06:36	Air Blank	0.000	06:36	Control Test	0.080	06:37	Control Test Stats			Average	0.0800		Std Dev	0.0000		Rel. Std Dev(%)	0.0000		<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>06:38</td></tr> <tr><td>Control Test</td><td>0.199</td><td>06:39</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:39</td></tr> <tr><td>Control Test</td><td>0.199</td><td>06:40</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:40</td></tr> <tr><td>Control Test</td><td>0.200</td><td>06:41</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:42</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>	Test	g/210L	Time	Air Blank	0.000	06:38	Control Test	0.199	06:39	Air Blank	0.000	06:39	Control Test	0.199	06:40	Air Blank	0.000	06:40	Control Test	0.200	06:41	Air Blank	0.000	06:42	Control Test Stats			Average	0.1993		Std Dev	0.0006		Rel. Std Dev(%)	0.2896		<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>06:42</td></tr> <tr><td>Control Test</td><td>0.079</td><td>06:43</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:43</td></tr> <tr><td>Control Test</td><td>0.079</td><td>06:44</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:44</td></tr> <tr><td>Control Test</td><td>0.078</td><td>06:44</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>06:45</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>0.7359</td><td></td></tr> </tbody> </table>	Test	g/210L	Time	Air Blank	0.000	06:42	Control Test	0.079	06:43	Air Blank	0.000	06:43	Control Test	0.079	06:44	Air Blank	0.000	06:44	Control Test	0.078	06:44	Air Blank	0.000	06:45	Control Test Stats			Average	0.0787		Std Dev	0.0006		Rel. Std Dev(%)	0.7359	
Test	g/210L	Time																																																																																																																																																				
Air Blank	0.000	06:29																																																																																																																																																				
Control Test	0.049	06:30																																																																																																																																																				
Air Blank	0.000	06:30																																																																																																																																																				
Control Test	0.049	06:31																																																																																																																																																				
Air Blank	0.000	06:31																																																																																																																																																				
Control Test	0.049	06:32																																																																																																																																																				
Air Blank	0.000	06:32																																																																																																																																																				
Control Test Stats																																																																																																																																																						
Average	0.0490																																																																																																																																																					
Std Dev	0.0000																																																																																																																																																					
Rel. Std Dev(%)	0.0000																																																																																																																																																					
Test	g/210L	Time																																																																																																																																																				
Air Blank	0.000	06:33																																																																																																																																																				
Control Test	0.080	06:34																																																																																																																																																				
Air Blank	0.000	06:35																																																																																																																																																				
Control Test	0.080	06:35																																																																																																																																																				
Air Blank	0.000	06:35																																																																																																																																																				
Control Test	0.080	06:36																																																																																																																																																				
Air Blank	0.000	06:36																																																																																																																																																				
Control Test	0.080	06:37																																																																																																																																																				
Control Test Stats																																																																																																																																																						
Average	0.0800																																																																																																																																																					
Std Dev	0.0000																																																																																																																																																					
Rel. Std Dev(%)	0.0000																																																																																																																																																					
Test	g/210L	Time																																																																																																																																																				
Air Blank	0.000	06:38																																																																																																																																																				
Control Test	0.199	06:39																																																																																																																																																				
Air Blank	0.000	06:39																																																																																																																																																				
Control Test	0.199	06:40																																																																																																																																																				
Air Blank	0.000	06:40																																																																																																																																																				
Control Test	0.200	06:41																																																																																																																																																				
Air Blank	0.000	06:42																																																																																																																																																				
Control Test Stats																																																																																																																																																						
Average	0.1993																																																																																																																																																					
Std Dev	0.0006																																																																																																																																																					
Rel. Std Dev(%)	0.2896																																																																																																																																																					
Test	g/210L	Time																																																																																																																																																				
Air Blank	0.000	06:42																																																																																																																																																				
Control Test	0.079	06:43																																																																																																																																																				
Air Blank	0.000	06:43																																																																																																																																																				
Control Test	0.079	06:44																																																																																																																																																				
Air Blank	0.000	06:44																																																																																																																																																				
Control Test	0.078	06:44																																																																																																																																																				
Air Blank	0.000	06:45																																																																																																																																																				
Control Test Stats																																																																																																																																																						
Average	0.0787																																																																																																																																																					
Std Dev	0.0006																																																																																																																																																					
Rel. Std Dev(%)	0.7359																																																																																																																																																					
<i>Deek</i> Operator's Signature	<i>Deek</i> Operator's Signature	<i>Deek</i> Operator's Signature	<i>Deek</i> Operator's Signature																																																																																																																																																			

*3/4/19*

*Deek*



# 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 80-001250, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001250</u>	UNCERTAINTY* ±
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L      0.004
Calibration Date:	<u>02/19/2019</u>	0.080 g/ 210 L      0.004
Calibration Time:	<u>08:36</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).

### 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.

02/19/2019      Date

David Reyes-Rivera      **DAVID E REYES-RIVERA,**  
Department Inspector

FDLE/ATP Form 69 July 2018  
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

3/4/19  
*[Signature]*

*[Handwritten mark]*

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Flow calibration	80-001250	Broward County Sheriff's Office	02/19/2019	<i>ALL</i>

BROWARD COUNTY SO  
 Intoxilyzer - Alconol Analyzer  
 Model: 8000 SN: 80-001250  
 02/19/2019  
 Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
 1: Rate (Liters/min) = 5  
 SORT(Diff) ) = 5.098  
 2: Rate (Liters/min) = 15  
 SORT(Diff) ) = 9.949  
 3: Rate (Liters/min) = 30  
 SORT(Diff) ) = 16.383

Dependent Data Scale Factor = 100000 L/min  
 Independent Data Scale Factor = 256  
 Rounded Slope = 731  
 Rounded Intercept = -417453  
 Correlation = 0.99922

*CDM*

*3/4/19*  
*CD*