



# INSTRUMENT PROCESSING SHEET

Agency FFWCCS/N 80-000905Florida Department of  
Law EnforcementDate In 03/18/2019DI Completion Date 3/20/19 Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>JA</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 checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Static Bag <input checked="" type="checkbox"/> 12V DC Cable Notes: <u>Pelican Case</u>	<b>Quality Checks</b> Performed By <u>BK</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>210</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.140</u> (.139 - .169) 36 mm <u>.152</u> (.156 - .190) 53 mm <u>.226</u> (.228 - .278) 103 mm <u>.503</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>30793</u> <input checked="" type="checkbox"/> Stability Checks	<b>Flow Calibration</b> Performed By <u>BK</u> Flow Column # <u>ATP103</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>200</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.152</u> (.139 - .169) 36 mm <u>.167</u> (.156 - .190) 53 mm <u>.242</u> (.228 - .278) 103 mm <u>.519</u> (.447 - .547)																																
<b>Final Release Date</b> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">FDLE</div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">MAR 21 2019</div> <div style="text-align: center; font-weight: bold;">Alcohol Testing Program</div>	<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><u>SD1021</u></td> <td><u>201707D</u> <u>07/25/2019</u></td> </tr> <tr> <td>0.080</td> <td><u>DR1275</u></td> <td><u>201707E</u> <u>07/25/2019</u></td> </tr> <tr> <td>0.200</td> <td><u>SD1011</u></td> <td><u>201707C</u> <u>07/24/2019</u></td> </tr> <tr> <td>0.080 DGS</td> <td><u>N/A</u></td> <td><u>AG805701</u> <u>2/26/20</u></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	<u>SD1021</u>	<u>201707D</u> <u>07/25/2019</u>	0.080	<u>DR1275</u>	<u>201707E</u> <u>07/25/2019</u>	0.200	<u>SD1011</u>	<u>201707C</u> <u>07/24/2019</u>	0.080 DGS	<u>N/A</u>	<u>AG805701</u> <u>2/26/20</u>	<b>Maintenance</b> Performed By <u>BK</u> <input checked="" type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____																	
Simulator	Serial #	Lot #/Exp																																
0.050	<u>SD1021</u>	<u>201707D</u> <u>07/25/2019</u>																																
0.080	<u>DR1275</u>	<u>201707E</u> <u>07/25/2019</u>																																
0.200	<u>SD1011</u>	<u>201707C</u> <u>07/24/2019</u>																																
0.080 DGS	<u>N/A</u>	<u>AG805701</u> <u>2/26/20</u>																																
<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><u>N/A</u></td> <td><u>N/A</u></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><u>N/A</u></td> <td></td> <td></td> </tr> </tbody> </table> <input type="checkbox"/> Post Calibration Adjustment Stability Checks	Simulator	Serial Number	Lot Number	Expiration	0.000		<u>N/A</u>	<u>N/A</u>	0.040				0.100				0.200				0.300				0.080 DGS	<u>N/A</u>			<b>Department Inspection</b> Performed By <u>BK</u> Barometric Pressure ID# <u>28421</u> Gauge <u>1022</u> Instrument <u>1020</u> Mouth Alcohol Solution Lot # <u>2018-B</u> Acetone Stock Solution Lot # <u>2018-A</u>				
Simulator	Serial Number	Lot Number	Expiration																															
0.000		<u>N/A</u>	<u>N/A</u>																															
0.040																																		
0.100																																		
0.200																																		
0.300																																		
0.080 DGS	<u>N/A</u>																																	
<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><u>N/A</u></td> <td></td> <td></td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.050				0.080				0.200				0.080 DGS	<u>N/A</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><u>SD BK G11621</u></td> </tr> <tr> <td>Interferent</td> <td><u>DR3855</u></td> </tr> <tr> <td>0.050</td> <td><u>SD1021</u></td> </tr> <tr> <td>0.080</td> <td><u>DR1275</u></td> </tr> <tr> <td>0.200</td> <td><u>SD1011</u></td> </tr> </tbody> </table>	Simulator	Serial Number	0.000	<u>SD BK G11621</u>	Interferent	<u>DR3855</u>	0.050	<u>SD1021</u>	0.080	<u>DR1275</u>	0.200	<u>SD1011</u>	<b>Temperature Checks</b> Performed By <u>BK</u> <input checked="" type="checkbox"/> Lab Temp °C <u>20.7</u> External Digital Therm. ID#: <u>300503</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1021</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>DR1275</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1011</u>
Simulator	Serial Number	Lot Number	Expiration																															
0.050																																		
0.080																																		
0.200																																		
0.080 DGS	<u>N/A</u>																																	
Simulator	Serial Number																																	
0.000	<u>SD BK G11621</u>																																	
Interferent	<u>DR3855</u>																																	
0.050	<u>SD1021</u>																																	
0.080	<u>DR1275</u>																																	
0.200	<u>SD1011</u>																																	
Notes/Suggested Service: _____ _____ _____ _____ _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td> <input checked="" type="checkbox"/> Form 41  <input checked="" type="checkbox"/> Stability Checks  <input checked="" type="checkbox"/> Calibration Certificate  <input type="checkbox"/> Calibration Adjustment         </td> <td> <input type="checkbox"/> Post-Stability Checks  <input checked="" type="checkbox"/> Flow Calibration  <input type="checkbox"/> Form 40  <input type="checkbox"/> Other _____         </td> </tr> </table>	<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 _____	<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																														
<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 _____																																	
	Tech Review / Date <u>3/20/19</u> <u>JJ Dahn</u>	Admin Review / Date <u>3/21/19</u>																																

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FWC  
Time of Inspection: 12:08

Date of Inspection: 03/20/2019

Serial Number: 80-000905  
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#:AG805701 Exp: 02/26/2020
0.000	0.049	0.078	0.196	0.080
0.000	0.050	0.080	0.198	0.080
0.000	0.049	0.080	0.198	0.080
0.000	0.050	0.080	0.199	0.080
0.000	0.049	0.079	0.198	0.079
0.000	0.050	0.080	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.050	0.080	0.199	0.080
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.080	0.198	0.079

Standard Deviations	0.0005	0.0006	0.0009	0.0004
---------------------	--------	--------	--------	--------

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

Brett Kirkland BRETT H KIRKLAND  
Signature and Printed Name

03/20/2019  
Date

*3/21/19  
JD*



FWC  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000905  
03/20/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:47
Control Test	0.080	08:47
Air Blank	0.000	08:48
Control Test	0.081	08:48
Air Blank	0.000	08:48
Control Test	0.080	08:49
Air Blank	0.000	08:49
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

*QUS*

*TSK*  
Operator's Signature

*80-000905  
Stability Check  
TSK  
3/20/19*

FWC  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000905  
03/20/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:57
Control Test	0.196	08:57
Air Blank	0.000	08:58
Control Test	0.195	08:59
Air Blank	0.000	08:59
Control Test	0.196	09:00
Air Blank	0.000	09:01
Control Test Stats		
Average	0.1957	
Std Dev	0.0006	
Rel Std Dev(%)	0.2951	

*TSK*  
Operator's Signature

FWC  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000905  
03/20/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:04
Control Test	0.079	09:05
Air Blank	0.000	09:06
Control Test	0.080	09:06
Air Blank	0.000	09:07
Control Test	0.080	09:08
Air Blank	0.000	09:08
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

*TSK*  
Operator's Signature

FWC  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000905  
03/20/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:12
Control Test	0.049	09:12
Air Blank	0.000	09:13
Control Test	0.049	09:14
Air Blank	0.000	09:14
Control Test	0.049	09:15
Air Blank	0.000	09:15
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

*TSK*  
Operator's Signature

FWC  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000905  
03/19/2019  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*

- 1: Rate (Liters/min) = 5  
SQRT(Diff) ) = 6.926
- 2: Rate (Liters/min) = 15  
SQRT(Diff) ) = 11.660
- 3: Rate (Liters/min) = 30  
SQRT(Diff) ) = 20.711

Dependent Data Scale Factor = 10000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 700  
Rounded Intercept = -681728  
Correlation = 0.99796

*3/21/19  
JA*

*Flow Cal adjust  
80-000905  
TSK*



# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
2729 Fort Knox Blvd.  
Bldg. 2, Suite 1300  
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000905, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000905</u>	UNCERTAINTY* ±	
Owning Agency:	<u>FWC</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/20/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:08</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).

### 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.

03/20/2019 Brett Kirkland

Date  
**BRETT H KIRKLAND,**  
Department Inspector

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

Service • Integrity • Respect • Quality

*Handwritten notes:*  
3/2/19  
J