



INSTRUMENT PROCESSING SHEET

Agency Madison County

S/N 80-000779

Florida Department of Law Enforcement

Date In 7/17/2019

DI Completion Date 7/18/19

Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>DP</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 type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____		<b>Quality Checks</b> Performed By <u>DP</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>223</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.156</u> (.139 - .169) 36 mm <u>.171</u> (.156 - .190) 53 mm <u>.246</u> (.228 - .278) 103 mm <u>.511</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks		<b>Flow Calibration</b> Performed By _____ Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																							
<b>Final Release Date</b> <p style="text-align: center;"><b>FDLE</b>          JUL 18 2019          Alcohol Testing Program</p>		<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td><u>501018</u></td> <td><u>201707D</u> <u>7/25/19</u></td> </tr> <tr> <td>0.080</td> <td><u>503962</u></td> <td><u>201707E</u> <u>7/25/19</u></td> </tr> <tr> <td>0.200</td> <td><u>G2078</u></td> <td><u>201707C</u> <u>7/24/19</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>AG916501</u> <u>6/14/21</u></td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.050	<u>501018</u>	<u>201707D</u> <u>7/25/19</u>	0.080	<u>503962</u>	<u>201707E</u> <u>7/25/19</u>	0.200	<u>G2078</u>	<u>201707C</u> <u>7/24/19</u>	0.080 DGS	N/A	<u>AG916501</u> <u>6/14/21</u>	<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 _____																								
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		<b>Temperature Checks</b> Performed By <u>DP</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.0</u> External Digital Therm. ID#: <u>300503</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>501018</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>503962</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>G2078</u>																																									
<b>Calibration Adjustment</b> Performed By <u>DP</u> Barometric Pressure Gauge <u>1017</u> ID # <u>26932</u> <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><u>G8144</u></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td><u>G2403</u></td> <td><u>19086</u></td> <td><u>3/4/21</u></td> </tr> <tr> <td>0.100</td> <td><u>G2879</u></td> <td><u>18200</u></td> <td><u>7/3/20</u></td> </tr> <tr> <td>0.200</td> <td><u>501019</u></td> <td><u>19040</u></td> <td><u>1/29/21</u></td> </tr> <tr> <td>0.300</td> <td><u>G2149</u></td> <td><u>18110</u></td> <td><u>4/2/20</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>17817080A2</u></td> <td><u>8/5/19</u></td> </tr> </tbody> </table> <input checked="" type="checkbox"/> Post Calibration Adjustment Stability Checks		Simulator	Serial Number	Lot Number	Expiration	0.000	<u>G8144</u>	N/A	N/A	0.040	<u>G2403</u>	<u>19086</u>	<u>3/4/21</u>	0.100	<u>G2879</u>	<u>18200</u>	<u>7/3/20</u>	0.200	<u>501019</u>	<u>19040</u>	<u>1/29/21</u>	0.300	<u>G2149</u>	<u>18110</u>	<u>4/2/20</u>	0.080 DGS	N/A	<u>17817080A2</u>	<u>8/5/19</u>	<b>Department Inspection</b> Performed By <u>DP</u> Barometric Pressure ID# <u>28427</u> Gauge <u>1017</u> Instrument <u>1010</u> Mouth Alcohol Solution Lot # <u>2018-B</u> Acetone Stock Solution Lot # <u>2019-A</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td><u>G4444</u></td> </tr> <tr> <td>Interferent</td> <td><u>G6621</u></td> </tr> <tr> <td>0.050</td> <td><u>501018</u></td> </tr> <tr> <td>0.080</td> <td><u>503962</u></td> </tr> <tr> <td>0.200</td> <td><u>G2078</u></td> </tr> </tbody> </table>		Simulator	Serial Number	0.000	<u>G4444</u>	Interferent	<u>G6621</u>	0.050	<u>501018</u>	0.080	<u>503962</u>	0.200	<u>G2078</u>
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Notes/Suggested Service: _____ _____ _____ _____ _____		<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 7/18/19</u> <u>Brett Kirkland 7/18/19</u> Tech Review / Date Admin Review / Date																																									

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MADISON COUNTY SO  
Time of Inspection: 13:05

Date of Inspection: 07/18/2019

Serial Number: 80-000779  
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#:AG916501 Exp: 06/14/2021
0.000	0.049	0.081	0.201	0.080
0.000	0.051	0.082	0.202	0.079
0.000	0.050	0.082	0.203	0.079
0.000	0.050	0.081	0.202	0.079
0.000	0.050	0.082	0.202	0.079
0.000	0.050	0.081	0.202	0.079
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0.000	0.051	0.081	0.202	0.080
0.000	0.050	0.081	0.202	0.080
0.000	0.051	0.082	0.202	0.080

Standard Deviations	0.0006	0.0005	0.0004	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:

SP  
13K  
7/18/19

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.

Patrick J Murphy
PATRICK J MURPHY

---

Signature and Printed Name

07/18/2019  
Date



MADISON COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000779  
07/18/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:02
Control Test	0.047	08:03
Air Blank	0.000	08:04
Control Test	0.046	08:04
Air Blank	0.000	08:05
Control Test	0.047	08:05
Air Blank	0.000	08:06
Control Test Stats		
Average	0.0467	
Std Dev	0.0006	
Rel Std Dev(%)	1.2372	

*P Murphy*  
Operator's Signature

MADISON COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000779  
07/18/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:12
Control Test	0.077	08:12
Air Blank	0.000	08:13
Control Test	0.078	08:13
Air Blank	0.000	08:14
Control Test	0.079	08:15
Air Blank	0.000	08:15
Control Test Stats		
Average	0.0780	
Std Dev	0.0010	
Rel Std Dev(%)	1.2821	

*P Murphy*  
Operator's Signature

MADISON COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000779  
07/18/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:16
Control Test	0.195	08:17
Air Blank	0.000	08:18
Control Test	0.194	08:18
Air Blank	0.000	08:19
Control Test	0.195	08:20
Air Blank	0.000	08:20
Control Test Stats		
Average	0.1947	
Std Dev	0.0006	
Rel Std Dev(%)	0.2966	

*P Murphy*  
Operator's Signature

MADISON COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000779  
07/18/2019  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:44
Control Test	0.082	07:44
Air Blank	0.000	07:45
Control Test	0.081	07:45
Air Blank	0.000	07:46
Control Test	0.081	07:46
Air Blank	0.000	07:46
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

DGS

SP  
B/K  
7/18/19

*P Murphy*  
Operator's Signature

MADISON COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000779  
07/18/2019 09:53:35

Auto Calibration  
Max Power Res Value = 93  
Auto Range Res Value = 70

Sol Value = 0.000 g/210L \*\*\*  
Fit value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12782, 9um Io = 13480

Channel 1 data table with 4 samples and summary statistics.

Channel 2 header

Channel 2 data table with 4 samples and summary statistics.

Sol Value = 0.040 g/210L \*\*\*  
Fit value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12778, 9um Io = 13479

Channel 1 data table with 4 samples and summary statistics.

Channel 2 header

Channel 2 data table with 4 samples and summary statistics.

Sol Value = 0.100 g/210L \*\*\*  
Fit value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12774, 9um Io = 13476

Channel 1 data table with 4 samples and summary statistics.

Channel 2 header

Channel 2 data table with 4 samples and summary statistics.

Sol Value = 0.200 g/210L \*\*\*  
Fit value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12771, 9um Io = 13474

Channel 1 data table with 4 samples and summary statistics.

Channel 2 header

Channel 2 data table with 4 samples and summary statistics.

Sol Value = 0.300 g/210L \*\*\*  
Fit value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12768, 9um Io = 13471

Channel 1 data table with 4 samples and summary statistics.

Channel 2 header

Channel 2 data table with 4 samples and summary statistics.

AUTO CAL DATA header

Channel 1 header

Channel 1 data table with 4 samples and summary statistics.

Channel 2 header

Channel 2 data table with 4 samples and summary statistics.

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0005
0.040	0.040	-0.0002
0.100	0.101	-0.0010
0.200	0.199	0.0012
0.300	0.300	-0.0004

SP BK 7/18/19

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0002
0.040	0.040	0.0002
0.100	0.101	-0.0011
0.200	0.199	0.0010
0.300	0.300	-0.0003

Sol Value = 0.080 g/210L \*\*\*  
 Fit value = 0.3810 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 \*\*\*\*\* CHANNEL 1  
 Sample #1 = 3199.00  
 Sample #2 = 3189.00  
 Sample #3 = 3189.00  
 Sample #4 = 3150.00  
 Average Result = 3176.0000  
 STD DEV = 22.5167  
 REL STD DEV = 0.709

\*\*\*\*\* CHANNEL 2  
 Sample #1 = 3293.00  
 Sample #2 = 3330.00  
 Sample #3 = 3327.00  
 Sample #4 = 3318.00  
 Average Result = 3325.0000  
 STD DEV = 6.2450  
 REL STD DEV = 0.188

\*\*\*\*\*  
 Dry Gas H2O Adjust Results \*\*\*\*\*  
 Barometric Pressure = 1016  
 3 um H2O Adjust (mg/l\*10,000) = 633  
 9 um H2O Adjust (mg/l\*10,000) = 484  
 \*\*\*\* AUTO CAL PASS

MADISON COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000779  
 07/18/2019  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:43
Control Test	0.049	10:44
Air Blank	0.000	10:45
Control Test	0.050	10:45
Air Blank	0.000	10:46
Control Test	0.049	10:46
Air Blank	0.000	10:47
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

*P. Murphy*  
 Operator's Signature

MADISON COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000779  
 07/18/2019  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:49
Control Test	0.080	10:50
Air Blank	0.000	10:50
Control Test	0.080	10:51
Air Blank	0.000	10:52
Control Test	0.081	10:52
Air Blank	0.000	10:53
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

*P. Murphy*  
 Operator's Signature

MADISON COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000779  
 07/18/2019  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:54
Control Test	0.200	10:55
Air Blank	0.000	10:56
Control Test	0.199	10:56
Air Blank	0.000	10:57
Control Test	0.199	10:58
Air Blank	0.000	10:58
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

*P. Murphy*  
 Operator's Signature

MADISON COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000779  
 07/18/2019  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.080	11:00
Air Blank	0.000	11:00
Control Test	0.079	11:01
Air Blank	0.000	11:01
Control Test	0.078	11:02
Air Blank	0.000	11:02
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

DGS

*P. Murphy*  
 Operator's Signature

80-000779

Post Cal Adjust  
 Stabilities

SP  
 ASK  
 2/18/19





# 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 80-000779, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000779</u>	UNCERTAINTY * ±	
Owning Agency:	<u>MADISON COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>07/18/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:05</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.

*Patrick J Murphy*

07/18/2019

Date

**PATRICK J MURPHY,**  
Department Inspector

*SP*  
*JK*  
*7/18/19*

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

Service • Integrity • Respect • Quality