



# INSTRUMENT PROCESSING SHEET

Agency Martin County SOS/N 80-006169

Florida Department of Law Enforcement

Date In 02/07/2018DI Completion Date 3/7/18 Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>JE</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>SP</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>157</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.136</u> (.139 - .169) 36 mm <u>.152</u> (.156 - .190) 53 mm <u>.222</u> (.228 - .278) 103 mm <u>.488</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>281662</u> <input checked="" type="checkbox"/> Stability Checks	<b>Flow Calibration</b> Performed By <u>SP</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>152</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.148</u> (.139 - .169) 36 mm <u>.167</u> (.156 - .190) 53 mm <u>.234</u> (.228 - .278) 103 mm <u>.492</u> (.447 - .547)
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**Final Release Date**  
**FDLE**  
MAR 07 2018  
 Alcohol Testing Program

Simulator	Serial #	Lot #/Exp
0.050	<u>G2835</u>	201707D 07/25/2019
0.080	<u>SD1013</u>	201707E 07/25/2019
0.200	<u>SD1025</u>	201707C 07/24/2019
0.080 DGS	N/A	<u>AG715202</u> <u>6-1-19</u>

**Maintenance** Performed By \_\_\_\_\_

Battery Replacement  
 Dry Gas Regulator Replacement  
 Breath Tube Replacement  
 Other \_\_\_\_\_

**Temperature Checks** Performed By SP

Lab Temp °C 82.2  
 External Digital Therm. ID#: 300503  
 34°C +/- .2 Serial #: G11739  
 34°C +/- .2 Serial #: SD3964  
 34°C +/- .2 Serial #: DR3856

**Calibration Adjustment** Performed By SP

Barometric Pressure Gauge 1029 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	<u>SD1016</u>	N/A	N/A
0.040	<u>SD1024</u>	<u>16320</u>	<u>10-21-18</u>
0.100	<u>DR3855</u>	<u>17280</u>	<u>9-11-19</u>
0.200	<u>G2407</u>	<u>17090</u>	<u>2-24-19</u>
0.300	<u>DR1275</u>	<u>17140</u>	<u>5-15-19</u>
0.080 DGS	N/A	<u>22817105025</u>	<u>10/5/19</u>

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	<u>G2835</u>	<u>201707D</u>	<u>7-25-19</u>
0.080	<u>SD1013</u>	<u>201707E</u>	<u>7-25-19</u>
0.200	<u>SD1025</u>	<u>201707C</u>	<u>7-24-19</u>
0.080 DGS	N/A	<u>AG626604</u>	<u>9-22-18</u>

**Department Inspection** Performed By SP

Barometric Pressure ID# 281662  
 Gauge 1015 Instrument 1013  
 Mouth Alcohol Solution Lot # SP 2017-A-2016-C  
 Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	<u>SD1019</u>
Interferent	<u>SD1021</u>
0.050	<u>G11739</u>
0.080	<u>SD3964</u>
0.200	<u>DR3856</u>

**Attachments**

Form 41  Post-Stability Checks  
 Stability Checks  Flow Calibration  
 Calibration Certificate  Form 40  
 Calibration Adjustment  Other \_\_\_\_\_

Notes/Suggested Service: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Instrument Complies with Chapter 11D-8, FAC  
 Instrument Does Not Comply with Chapter 11D-8, FAC  
 Return to/Place into Evidentiary Use  
 Remain Out of Evidentiary Use  
 Conduct an Agency Inspection Before Evidentiary Use

909M 3/6/18 2 J Eaker 3/7/18  
 Tech Review / Date Admin Review / Date

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO  
Time of Inspection: 11:30

Date of Inspection: 03/07/2018

Serial Number: 80-006169  
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#:AG715202 Exp: 06/01/2019
0.000	0.050	0.082	0.200	0.080
0.000	0.051	0.083	0.201	0.080
0.000	0.051	0.083	0.201	0.080
0.000	0.050	0.082	0.201	0.079
0.000	0.051	0.083	0.201	0.079
0.000	0.050	0.083	0.201	0.079
0.000	0.051	0.083	0.201	0.079
0.000	0.050	0.083	0.201	0.079
0.000	0.051	0.083	0.200	0.079
0.000	0.051	0.083	0.201	0.079

Standard Deviations	0.0005	0.0004	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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.

*Shayla Platt*

SHAYLA D PLATT

Signature and Printed Name

03/07/2018  
Date

*3/7/18*  
*SP*

# STABILITY CHECKS # 80-006169

MARTIN COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006169  
 02/13/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:00
Control Test	0.080	10:00
Air Blank	0.000	10:01
Control Test	0.081	10:01
Air Blank	0.000	10:02
Control Test	0.081	10:02
Air Blank	0.000	10:02
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

SP  
 Operator's Signature

DGS

MARTIN COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006169  
 02/13/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:40
Control Test	0.201	10:40
Air Blank	0.000	10:41
Control Test	0.201	10:42
Air Blank	0.000	10:42
Control Test	0.200	10:43
Air Blank	0.000	10:44
Control Test Stats		
Average	0.2007	
Std Dev	0.0006	
Rel Std Dev(%)	0.2877	

SP  
 Operator's Signature

MARTIN COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006169  
 02/13/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:25
Control Test	0.083	10:25
Air Blank	0.000	10:26
Control Test	0.083	10:27
Air Blank	0.000	10:27
Control Test	0.082	10:28
Air Blank	0.000	10:28
Control Test Stats		
Average	0.0827	
Std Dev	0.0006	
Rel Std Dev(%)	0.6984	

SP  
 Operator's Signature

MARTIN COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-006169  
 02/13/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:12
Control Test	0.050	10:13
Air Blank	0.000	10:13
Control Test	0.050	10:14
Air Blank	0.000	10:15
Control Test	0.050	10:15
Air Blank	0.000	10:16
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP  
 Operator's Signature

3/7/18  
 J2

SP



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

# Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006169, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006169</u>	UNCERTAINTY* ±
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.05 g/ 210 L
Calibration Date:	<u>03/07/2018</u>	0.08 g/ 210 L
Calibration Time:	<u>11:30</u>	0.20 g/ 210 L
		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% 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.

03/07/2018

Date

*Shayla Platt*

SHAYLA D PLATT,  
 Department Inspector

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

Service • Integrity • Respect • Quality

*2/7/18*

*Shayla*

MARTIN COUNTY SO<sub>2</sub> SP  
SN 80-006169  
02/13/2018 11:06:42

Auto Calibration  
Max Power Res Value = 55  
Auto Range Res Value = 29

Sol Value = 0.000 g/210L \*\*\*  
Fit Value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12463, Sum Io = 13886  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.0590 (-0.0110)  
Sample #2 = 0.0440 (0.0540)  
Sample #3 = 0.0360 (0.1080)  
Sample #4 = 0.0330 (0.1430)  
Avg % Abs = 0.0377 (0.1017)  
STD DEV = 0.0057 (0.0448)  
REL STD DEV = 15.096 (44.102)

<<<<< CHANNEL 2 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1830 (-0.0140)  
Sample #2 = 0.1430 (0.0310)  
Sample #3 = 0.1690 (0.0250)  
Sample #4 = 0.1400 (0.0540)  
Avg % Abs = 0.1507 (0.0357)  
STD DEV = 0.0159 (0.0153)  
REL STD DEV = 10.585 (41.749)

Sol Value = 0.040 g/210L \*\*\*  
Fit Value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12460, Sum Io = 13881  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.6940 (0.0120)  
Sample #2 = 0.6950 (0.0430)  
Sample #3 = 0.7370 (0.0410)  
Sample #4 = 0.6770 (0.0930)  
Avg % Abs = 0.7030 (0.0590)  
STD DEV = 0.0880 (0.0880)  
REL

3/7/8  
SP

<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 6.5860 (-0.0080)  
Sample #2 = 6.5410 (0.0420)  
Sample #3 = 6.5680 (0.0380)  
Sample #4 = 6.5600 (0.0590)  
Avg % Abs = 6.5563 (0.0463)  
STD DEV = 0.0139 (0.0112)  
REL STD DEV = 0.212 (24.066)

Sol Value = 0.300 g/210L \*\*\*  
Fit Value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12434, Sum Io = 13869  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 4.8460 (-0.0050)  
Sample #2 = 4.8850 (0.0040)  
Sample #3 = 4.8430 (0.0460)  
Sample #4 = 4.8510 (0.0300)  
Avg % Abs = 4.8597 (0.0267)  
STD DEV = 0.0223 (0.0212)  
REL STD DEV = 0.459 (79.491)

<<<<< CHANNEL 2 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 9.5460 (0.0070)  
Sample #2 = 9.5550 (0.0270)  
Sample #3 = 9.5440 (0.0450)  
Sample #4 = 9.5660 (0.0280)  
Avg % Abs = 9.5550 (0.0333)  
STD DEV = 0.0110 (0.0011)  
REL STD DEV = 0.110 (0.0011)

Sol Value = 0.200 g/210L \*\*\*  
Fit Value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12457, Sum Io = 13873  
<<<<< CHANNEL 1 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.3080 (-0.0360)  
Sample #2 = 3.2760 (0.0120)  
Sample #3 = 3.3320 (-0.0100)  
Sample #4 = 3.3010 (0.0350)  
Avg % Abs = 3.3030 (0.0123)

<<<<< CHANNEL 2 >>>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.4590 (-0.0070)  
Sample #2 = 3.4520 (0.0110)  
Sample #3 = 3.4920 (0.0070)  
Sample #4 = 3.4590 (0.0360)  
Avg % Abs = 3.4677 (0.0180)  
STD DEV = 0.0214 (0.0157)  
REL STD DEV = 0.616 (87.312)

<<<<< CHANNEL 1 >>>>>  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.038  
Std Dev = 0.01 Rel Std Dev = 15.10  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.703  
Std Dev = 0.03 Rel Std Dev = 4.38  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.693  
Std Dev = 0.02 Rel Std Dev = 1.05  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.303  
Std Dev = 0.03 Rel Std Dev = 0.85  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 4.860  
Std Dev = 0.02 Rel Std Dev = 0.46  
Zero Order Coef = -100.57  
First Order Coef = 2822.23  
Second Order Coef = 28.31  
Standard Deviation = 5.889319

<<<<< CHANNEL 2 >>>>>  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.151  
Std Dev = 0.02 Rel Std Dev = 10.58  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.486  
Std Dev = 0.00 Rel Std Dev = 0.18  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.468  
Std Dev = 0.02 Rel Std Dev = 0.62  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.556  
Std Dev = 0.01 Rel Std Dev = 0.21  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.555  
Std Dev = 0.01 Rel Std Dev = 0.12  
Zero Order Coef = -213.64  
First Order Coef = 1400.53  
Second Order Coef = 17.73

Sol Value = 0.080 g/210L \*\*\*  
Fit Value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1  
\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample #1 = 3381.00  
Sample #2 = 3307.00  
Sample #3 = 3376.00  
Sample #4 = 3370.00  
Average Result = 3351.0000  
STD DEV = 38.2230  
REL STD DEV = 1.141  
\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample #1 = 3236.00  
Sample #2 = 3247.00  
Sample #3 = 3284.00  
Sample #4 = 3268.00  
Average Result = 3266.3333  
STD DEV = 18.5562  
REL STD DEV = 0.568

\*\*\*\*\*  
Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1028  
3 um H2O Adjust (mg/l\*10,000) = 458  
9 um H2O Adjust (mg/l\*10,000) = 543  
\*\*\*\* AUTO CAL PASS

CAL ADJUSTMENT  
#80--006169 SP

SP

POST CAL ADJUST STABILITY CHECKS - #80-006169

MARTIN COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006169  
02/13/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:10
Control Test	0.050	13:11
Air Blank	0.000	13:12
Control Test	0.049	13:12
Air Blank	0.000	13:13
Control Test	0.050	13:14
Air Blank	0.000	13:14
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP

Operator's Signature

MARTIN COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006169  
02/13/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:24
Control Test	0.082	13:25
Air Blank	0.000	13:25
Control Test	0.081	13:26
Air Blank	0.000	13:27
Control Test	0.083	13:27
Air Blank	0.000	13:28
Control Test Stats		
Average	0.0820	
Std Dev	0.0010	
Rel Std Dev(%)	1.2195	

SP

Operator's Signature

MARTIN COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006169  
02/13/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:19
Control Test	0.198	13:20
Air Blank	0.000	13:21
Control Test	0.199	13:21
Air Blank	0.000	13:22
Control Test	0.199	13:23
Air Blank	0.000	13:23
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

SP

Operator's Signature

MARTIN COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006169  
02/13/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:29
Control Test	0.083	13:29
Air Blank	0.000	13:29
Control Test	0.083	13:30
Air Blank	0.000	13:30
Control Test	0.083	13:31
Air Blank	0.000	13:31
Control Test Stats		
Average	0.0830	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP

Operator's Signature

3/7/18  
SP

SP

MARTIN COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006169  
03/07/2018  
Software: 8100.27

FLOW  
CALIBRATION  
ADJUSTMENT  
SP

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SQRT(Diff) = 6.707  
2: Rate (Liters/min) = 15  
SQRT(Diff) = 11.574  
3: Rate (Liters/min) = 30  
SQRT(Diff) = 21.609  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 645  
Rounded Intercept = -527609  
Correlation = 0.99659

PPM  
3/7/18  
JO