



INSTRUMENT PROCESSING SHEET

Agency Pasco County Sheriff's OfficeS/N 80-001049Florida Department of
Law EnforcementDate In 05/30/2018DI Completion Date 05/30/2018 Ship P/U H/D CMI EE

Intake Performed By <u>[Signature]</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 type="checkbox"/> 12V DC Cable Notes: _____ _____ _____	Quality Checks Performed By <u>[Signature]</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>ATP 103</u> 32 mm <u>0.164</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks	Flow Calibration 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)
---	---	--

Final Release Date

FDLE

MAY 31 2018

Alcohol Testing Program

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201707D 07/25/2019
0.080	DR1275	201707E 07/25/2019
0.200	SD1019	201707C 07/24/2019
0.080 DGS	N/A	AG805702 02/26/2020

Maintenance Performed By _____

Battery Replacement
 Dry Gas Regulator Replacement
 Breath Tube Replacement
 Other _____

Temperature Checks Performed By [Signature]

Lab Temp °C 22.1
 External Digital Therm. ID#: 300502
 34°C +/- .2 Serial #: SD1021
 34°C +/- .2 Serial #: DR1275
 34°C +/- .2 Serial #: SD1019

Calibration Adjustment Performed By [Signature]

Barometric Pressure Gauge 1012 ID # 28662

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	16320	10/21/2018
0.100	G2879	17280	09/11/2019
0.200	G3709	17090	02/24/2019
0.300	G8149	18110	04/02/2020
0.080 DGS	N/A	17817080A2	08/05/2019

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1021	201707D	07/25/2019
0.080	DR1275	201707E	07/25/2019
0.200	SD1019	201707C	07/24/2019
0.080 DGS	N/A	AG805702	02/26/2020

Department Inspection Performed By [Signature]

Barometric Pressure ID# 28427
 Gauge 1011 Instrument 1010
 Mouth Alcohol Solution Lot # 2017-B
 Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G11621
Interferent	DR3855
0.050	SD1021
0.080	DR1275
0.200	SD1019

Attachments

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

Notes/Suggested Service: Performed optical bench calibration adjustment to bring values closer to nominal. DMB 05/30/18

E-MAILED
5/30/18

APPROVED

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

[Signature] 5/31/18 [Signature] 5/31/18
 Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PASCO COUNTY SO
Time of Inspection: 17:13

Date of Inspection: 05/30/2018

Serial Number: 80-001049
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	0.049	0.081	0.200	0.079
0.000	0.049	0.082	0.202	0.079
0.000	0.050	0.082	0.203	0.079
0.000	0.050	0.082	0.203	0.079
0.000	0.050	0.082	0.203	0.079
0.000	0.050	0.082	0.202	0.079
0.000	0.050	0.082	0.202	0.079
0.000	0.050	0.083	0.202	0.078
0.000	0.051	0.082	0.202	0.079
0.000	0.050	0.082	0.202	0.078

Standard Deviations	0.0005	0.0004	0.0008	0.0004
---------------------	--------	--------	--------	--------

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.

Danielle M Bell

DANIELLE M BELL

Signature and Printed Name

05/30/2018
Date

5/31/18
DB

Pre-Cal

Stability Checks #80-001049 Pasco County S.O. 5/30/18 ~~808~~

DE'S

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001049
05/30/2018
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	13:11
Control Test	0.049	13:12
Air Blank	0.000	13:13
Control Test	0.048	13:13
Air Blank	0.000	13:14
Control Test	0.048	13:14
Air Blank	0.000	13:15
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001049
05/30/2018
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	13:16
Control Test	0.080	13:17
Air Blank	0.000	13:18
Control Test	0.080	13:18
Air Blank	0.000	13:19
Control Test	0.080	13:20
Air Blank	0.000	13:20
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001049
05/30/2018
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	13:22
Control Test	0.200	13:23
Air Blank	0.000	13:24
Control Test	0.199	13:24
Air Blank	0.000	13:25
Control Test	0.199	13:25
Air Blank	0.000	13:26
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001049
05/30/2018
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	12:59
Control Test	0.077	12:59
Air Blank	0.000	13:00
Control Test	0.077	13:00
Air Blank	0.000	13:01
Control Test	0.077	13:01
Air Blank	0.000	13:02
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

[Signature]

Operator's Signature

5/31/18
[Signature]

[Signature]

Operator's Signature

[Signature]

Operator's Signature

[Signature]

Operator's Signature



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 80-001049, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001049</u>	UNCERTAINTY* ±	
Owning Agency:	<u>PASCO COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/30/2018</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>17:13</u>	0.200 g/ 210 L	0.008
		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.

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

05/30/2018

Date

DANIELLE M BELL,
 Department Inspector

Service • Integrity • Respect • Quality

5/31/18

Optical Bench Calibration Adjustment Data #80-001049 Pasco County S.O. 5/30/18

PASCO COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000
05/30/2018
Auto Calibration
Max Power Res Value = 77
Auto Range Res Value = 56

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5310 (-0.0060)
Sample #2 = 1.4950 (0.0120)
Sample #3 = 1.5170 (0.0000)
Sample #4 = 1.5280 (0.0040)
Avg % Abs = 1.5133 (0.0053)
STD DEV = 0.0168 (0.0061)
REL STD DEV = 1.110 (114.564)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12603, Sum Io = 13240
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9010 (-0.0370)
Sample #2 = 1.8980 (0.0110)
Sample #3 = 1.9810 (-0.0150)
Sample #4 = 1.9050 (0.0120)
Avg % Abs = 1.8947 (0.0027)
STD DEV = 0.0123 (0.0153)
REL STD DEV = 0.651 (574.048)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0820 (-0.0130)
Sample #2 = 0.0650 (0.0120)
Sample #3 = 0.0690 (0.0140)
Sample #4 = 0.0910 (-0.0080)
Avg % Abs = 0.0750 (0.0061)
STD DEV = 0.0140 (0.0122)
REL STD DEV = 18.667 (202.759)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12610, Sum Io = 13244
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8630 (-0.0150)
Sample #2 = 0.8230 (0.0010)
Sample #3 = 0.8000 (0.0180)
Sample #4 = 0.8500 (0.0190)
Avg % Abs = 0.8243 (0.0127)
STD DEV = 0.0250 (0.0101)
REL STD DEV = 3.036 (79.863)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.105
Std Dev = 0.02 Rel Std Dev = 14.78
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.824
Std Dev = 0.03 Rel Std Dev = 3.04
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.895
Std Dev = 0.01 Rel Std Dev = 0.65
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.588
Std Dev = 0.01 Rel Std Dev = 0.33
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.307
Std Dev = 0.02 Rel Std Dev = 0.29
Zero Order Coef = -298.47
First Order Coef = 2665.14
Second Order Coef = 16.27
Standard Deviation = 37.218338

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.075
Std Dev = 0.01 Rel Std Dev = 18.67
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.513
Std Dev = 0.02 Rel Std Dev = 1.11
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.578
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.832
Std Dev = 0.02 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.966
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -112.51
First Order Coef = 1322.43
Second Order Coef = 12.36
Standard Deviation = 17.583254

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.075
Std Dev = 0.01 Rel Std Dev = 18.67
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.513
Std Dev = 0.02 Rel Std Dev = 1.11
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.578
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.832
Std Dev = 0.02 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.966
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -112.51
First Order Coef = 1322.43
Second Order Coef = 12.36
Standard Deviation = 17.583254

<<<<< CHANNEL 1 >>>>>
Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12610, Sum Io = 13244
<<<<< CHANNEL 2 >>>>>
Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12610, Sum Io = 13244

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0004
0.040	0.040	-0.0001
0.100	0.101	-0.0010
0.200	0.199	0.0011
0.300	0.300	-0.0004

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0003
0.040	0.040	-0.0003
0.100	0.100	-0.0003
0.200	0.199	0.0005
0.300	0.300	-0.0002

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3093.00
Sample #2 = 3188.00
Sample #3 = 3143.00
Sample #4 = 31048.00
Average Result = 3126.3333
REL STD DEV = 71.4726
REL STD DEV = 2.286

***** CHANNEL 2 *****
Sample #1 = 3460.00
Sample #2 = 3482.00
Sample #3 = 3510.00
Sample #4 = 3466.00
Average Result = 3486.0000
STD DEV = 22.2711
REL STD DEV = 0.639
***** CHANNEL 1 *****
Dry Gas H2O Adjust Results *****
Barometric Pressure = 1011
3 um H2O Adjust (mg/l * 10,000) = 683
9 um H2O Adjust (mg/l * 10,000) = 323
***** AUTO CAL PASS *****

5/31/18

Post Calibration Adjustment

Stability Checks #80-001049 Pasco County S.O. 5/30/18 ~~AMS~~

AMS
 PASCO COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001049
 05/30/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:42
Control Test	0.079	15:43
Air Blank	0.000	15:43
Control Test	0.079	15:44
Air Blank	0.000	15:44
Control Test	0.079	15:44
Air Blank	0.000	15:45
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

AMS
 Operator's Signature

PASCO COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001049
 05/30/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:37
Control Test	0.200	15:38
Air Blank	0.000	15:39
Control Test	0.200	15:39
Air Blank	0.000	15:40
Control Test	0.201	15:41
Air Blank	0.000	15:41
Control Test Stats		
Average	0.2003	
Std Dev	0.0016	
Rel Std Dev(%)	0.2882	

AMS
 Operator's Signature

PASCO COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001049
 05/30/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:32
Control Test	0.080	15:33
Air Blank	0.000	15:34
Control Test	0.081	15:34
Air Blank	0.000	15:35
Control Test	0.081	15:36
Air Blank	0.000	15:36
Control Test Stats		
Average	0.0807	
Std Dev	0.0016	
Rel Std Dev(%)	0.7157	

AMS
 Operator's Signature

PASCO COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001049
 05/30/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:27
Control Test	0.050	15:28
Air Blank	0.000	15:29
Control Test	0.049	15:29
Air Blank	0.000	15:30
Control Test	0.050	15:31
Air Blank	0.000	15:31
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

AMS
 Operator's Signature

AMS
 5/30/18