



INSTRUMENT PROCESSING SHEET

Agency Zephyrhills Police DepartmentS/N 80-001076

Florida Department of Law Enforcement

Date In 05/21/2018DI Completion Date 05/30/2018 Ship P/U H/D CMI EE

Intake Performed By <u>TG</u>		Quality Checks Performed By <u>[Signature]</u>		Flow Calibration Performed By _____																
<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: <u>Shipped in generic box. Wrapped in bubble wrap. Box filled with packing peanuts.</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>181</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 103</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.488</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks		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)																
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0.080 DGS	N/A	AG805702 02/26/2020																		
FDLE MAY 31 2018 Alcohol Testing Program		Temperature Checks Performed By <u>[Signature]</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.1</u> External Digital Therm. ID#: <u>300502</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>SD1019</u>																		

Calibration Adjustment Performed By <u>[Signature]</u>				Department Inspection Performed By <u>[Signature]</u>																																			
Barometric Pressure Gauge <u>1012</u> ID # <u>28662</u>				Barometric Pressure ID# <u>28427</u>																																			
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				Attachments <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Post-Stability Checks <input checked="" type="checkbox"/> Stability Checks <input type="checkbox"/> Flow Calibration <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Form 40 <input checked="" type="checkbox"/> Calibration Adjustment <input type="checkbox"/> Other _____																																			

Notes/Suggested Service: <u>Performed optical bench calibration adjustment to bring values closer to nominal. DMB 5/30/18</u>		<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>[Signature]</u> 5/31/18 Tech Review / Date		<u>[Signature]</u> 5/31/18 Admin Review / Date	

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ZEPHYRHILLS PD
Time of Inspection: 17:41

Date of Inspection: 05/30/2018

Serial Number: 80-001076
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	0.050	0.082	0.200	0.081
0.000	0.050	0.082	0.200	0.081
0.000	0.049	0.082	0.201	0.080
0.000	0.049	0.082	0.201	0.079
0.000	0.049	0.082	0.203	0.079
0.000	0.049	0.082	0.201	0.079
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0.000	0.049	0.082	0.201	0.079
0.000	0.050	0.082	0.201	0.079
0.000	0.049	0.082	0.200	0.079

Standard Deviations	0.0004	0.0000	0.0008	0.0008
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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:



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

Pre-Cal

Stability Checks #80-001076 Zephyrhills PD. 5/30/18 ~~QWS~~

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001076
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.049	14:13
Air Blank	0.000	14:13
Control Test	0.049	14:14
Air Blank	0.000	14:15
Control Test	0.049	14:15
Air Blank	0.000	14:16
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

QWS

Operator's Signature

5/31/18
QWS

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001076
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:07
Control Test	0.081	14:08
Air Blank	0.000	14:08
Control Test	0.081	14:09
Air Blank	0.000	14:10
Control Test	0.080	14:10
Air Blank	0.000	14:11
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel. Std Dev(%)	0.7157	

QWS

Operator's Signature

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001076
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:17
Control Test	0.194	14:18
Air Blank	0.000	14:18
Control Test	0.196	14:19
Air Blank	0.000	14:20
Control Test	0.197	14:20
Air Blank	0.000	14:21
Control Test Stats		
Average	0.1957	
Std Dev	0.0015	
Rel. Std Dev(%)	0.7807	

QWS

Operator's Signature

QWS

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001076
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:22
Control Test	0.077	14:22
Air Blank	0.000	14:23
Control Test	0.077	14:23
Air Blank	0.000	14:23
Control Test	0.077	14:24
Air Blank	0.000	14:24
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

QWS

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 80-001076, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001076</u>	UNCERTAINTY* ±
Owning Agency:	<u>ZEPHYRHILLS PD</u>	0.050 g/ 210 L
Calibration Date:	<u>05/30/2018</u>	0.080 g/ 210 L
Calibration Time:	<u>17:41</u>	0.200 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.

05/30/2018 _____
 Date

 DANIELLE M BELL,
 Department Inspector

Service • Integrity • Respect • Quality

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

5/31/18

Yield Loss Conversion Adjustment Data #80-001076 Zephyrhills P.D. 5/30/18

ZEPHYRHILLS PD
Intoxilyr
Model 8010
05/30/2018
14:34:27
80-001076
mmol Analyzer

<<<< Channel 2 >>>>
Sample % Abs % Abs Ref
Sample #1 = 1.6400 (-0.0110)
Sample #2 = 1.6130 (0.0130)
Sample #3 = 1.6150 (0.0300)
Sample #4 = 1.6197 (0.0107)
Avg % Abs = 1.6189 (0.0206)
STD DEV = 0.0189 (0.0206)
REL STD DEV = 1.167 (193.119)

<<<< Channel 2 >>>>
Sample % Abs % Abs Ref
Sample #1 = 7.3690 (-0.0130)
Sample #2 = 7.3320 (0.0590)
Sample #3 = 7.3430 (0.0480)
Sample #4 = 7.3460 (0.0560)
Avg % Abs = 7.3403 (0.0543)
STD DEV = 0.0074 (0.0057)
REL STD DEV = 0.100 (10.465)

*** Auto Cal Data ***
<<<< Channel 1 >>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.000
Std Dev = 0.01 Rel Std Dev = 15.58
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.060
Std Dev = 0.01 Rel Std Dev = 0.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.974
Std Dev = 0.02 Rel Std Dev = 0.78
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.710
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.451
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -255.94
First Order Coef = 2507.87
Second Order Coef = 30.02
Standard Deviation = 44.640732

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0006
0.040	0.040	-0.0004
0.100	0.101	-0.0011
0.200	0.199	0.0013
0.300	0.300	-0.0005

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12081, Sum Io = 14275
<<<<< CHANNEL 1 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1020 (-0.0280)
Sample #2 = 0.0750 (0.0430)
Sample #3 = 0.0960 (0.0770)
Sample #4 = 0.1020 (0.0740)
Avg % Abs = 0.0910 (0.0647)
STD DEV = 0.0142 (0.0188)
REL STD DEV = 15.580 (29.109)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12053, Sum Io = 14262
<<<<< CHANNEL 1 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9570 (-0.0260)
Sample #2 = 1.9570 (0.0030)
Sample #3 = 1.9660 (-0.0040)
Sample #4 = 1.9800 (0.0020)
Avg % Abs = 1.9743 (0.0003)
STD DEV = 0.0153 (0.0038)
REL STD DEV = 0.775 (1135.782)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12050, Sum Io = 14257
<<<<< CHANNEL 1 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.4830 (-0.0210)
Sample #2 = 5.4570 (0.0450)
Sample #3 = 5.4460 (0.0390)
Sample #4 = 5.4510 (0.0420)
Avg % Abs = 5.4513 (0.0420)
STD DEV = 0.0055 (0.0030)
REL STD DEV = 0.101 (7.143)

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3094.00
Sample #2 = 3018.00
Sample #3 = 3011.00
Sample #4 = 3148.00
Average Result = 3059.0000
STD DEV = 77.1557
REL STD DEV = 2.522
***** CHANNEL 2 *****
Sample #1 = 3477.00
Sample #2 = 3474.00
Sample #3 = 3465.00
Sample #4 = 3502.00
Average Result = 3480.3333
STD DEV = 19.2959
REL STD DEV = 0.554

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mmHg * 10.000) = 750
9 um H2O Adjust (mg/l * 10000) = 329
**** AUTO CAL PASS ****

<<<<< CHANNEL 2 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0930 (-0.0230)
Sample #2 = 0.0790 (0.0070)
Sample #3 = 0.0680 (0.0230)
Sample #4 = 0.0890 (0.0060)
Avg % Abs = 0.0787 (0.0120)
REL STD DEV = 13.353 (79.495)

<<<<< CHANNEL 2 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.8690 (-0.0040)
Sample #2 = 3.8610 (0.0250)
Sample #3 = 3.8780 (0.0200)
Sample #4 = 3.8830 (0.0260)
Avg % Abs = 3.8740 (0.0237)
STD DEV = 0.0115 (0.0032)
REL STD DEV = 0.298 (13.583)

<<<<< CHANNEL 2 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 10.7700 (-0.0210)
Sample #2 = 10.7110 (0.0830)
Sample #3 = 10.7140 (0.0840)
Sample #4 = 10.6910 (0.0960)
Avg % Abs = 10.7053 (0.0877)
STD DEV = 0.0125 (0.0072)
REL STD DEV = 0.117 (8.252)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12050, Sum Io = 14259
<<<<< CHANNEL 1 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7250 (-0.0140)
Sample #2 = 3.7230 (0.0190)
Sample #3 = 3.7020 (0.0150)
Sample #4 = 3.7050 (0.0180)
Avg % Abs = 3.7100 (0.0173)
STD DEV = 0.0114 (0.0021)
REL STD DEV = 0.306 (12.010)

Sol Value = 0.140 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12063, Sum Io = 14265
<<<<< CHANNEL 1 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8590 (0.0190)
Sample #2 = 0.8560 (0.0140)
Sample #3 = 0.8660 (0.0420)
Sample #4 = 0.8570 (0.0570)
Avg % Abs = 0.8557 (0.0377)
STD DEV = 0.0055 (0.0016)
REL STD DEV = 0.606 (57.943)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12050, Sum Io = 14259
<<<<< CHANNEL 1 >>>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7250 (-0.0140)
Sample #2 = 3.7230 (0.0190)
Sample #3 = 3.7020 (0.0150)
Sample #4 = 3.7050 (0.0180)
Avg % Abs = 3.7100 (0.0173)
STD DEV = 0.0114 (0.0021)
REL STD DEV = 0.306 (12.010)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.705
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -106.34
First Order Coef = 1221.54
Second Order Coef = 11.59
Standard Deviation = 28.531655

Sol Value = 0.000 mg/l or 0.000 g/210L
% Abs = 0.079
Std Dev = 0.01 Rel Std Dev = 13.35
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.620
Std Dev = 0.02 Rel Std Dev = 1.17
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.874
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.340
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.705
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -106.34
First Order Coef = 1221.54
Second Order Coef = 11.59
Standard Deviation = 28.531655

5/31/18

DMS

Post-Calibration Adjustment

Stability Checks #80-001076 Zephyrhills P.D. 5/30/18 *RMS*

RMS

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:44
Control Test	0.049	15:45
Air Blank	0.000	15:46
Control Test	0.049	15:46
Air Blank	0.000	15:47
Control Test	0.049	15:47
Air Blank	0.000	15:48
Control Test	0.000	15:48
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

RMS

Operator's Signature

5/31/18
JD

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:51
Control Test	0.080	15:51
Air Blank	0.000	15:52
Control Test	0.082	15:53
Air Blank	0.000	15:53
Control Test	0.082	15:54
Air Blank	0.000	15:54
Control Test	0.000	15:54
Control Test Stats		
Average	0.0813	
Std Dev	0.0012	
Rel Std Dev(%)	1.4197	

RMS

Operator's Signature

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:55
Control Test	0.199	15:56
Air Blank	0.000	15:57
Control Test	0.200	15:57
Air Blank	0.000	15:58
Control Test	0.200	15:59
Air Blank	0.000	15:59
Control Test	0.000	15:59
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

RMS

Operator's Signature

ZEPHYRHILLS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:01
Control Test	0.080	16:01
Air Blank	0.000	16:01
Control Test	0.080	16:02
Air Blank	0.000	16:02
Control Test	0.080	16:03
Air Blank	0.000	16:03
Control Test	0.000	16:03
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

RMS

Operator's Signature