



INSTRUMENT PROCESSING SHEET

Agency Pinellas CountyS/N 80-005290Florida Department of
Law EnforcementDate In 1/16/2020DI Completion Date 2/5/20☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DP</u> ☒ Annual ☐ Registration ☐ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☐ Power cord ☐ Printer Cable ☐ Static Bag ☐ 12V DC Cable Notes: _____ _____ _____ Final Release Date FDLE FEB 10 2020 Alcohol Testing Program	Quality Checks Performed By <u>SP</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>115</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.140</u> (.139 - .169) 36 mm <u>0.152</u> (.156 - .190) 53 mm <u>0.222</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</u> ☒ Stability Checks <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>SD1012</u></td> <td><u>201905A</u> <u>05-14-2021</u></td> </tr> <tr> <td>0.080</td> <td><u>DR1279</u></td> <td><u>201905B</u> <u>05-14-2021</u></td> </tr> <tr> <td>0.200</td> <td><u>SD1013</u></td> <td><u>201904D</u> <u>08-14-2021</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>AG916501</u> <u>06-14-2021</u></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	<u>SD1012</u>	<u>201905A</u> <u>05-14-2021</u>	0.080	<u>DR1279</u>	<u>201905B</u> <u>05-14-2021</u>	0.200	<u>SD1013</u>	<u>201904D</u> <u>08-14-2021</u>	0.080 DGS	N/A	<u>AG916501</u> <u>06-14-2021</u>	Flow Calibration Performed By <u>SP</u> Flow Column # <u>ATP102</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>115</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP105</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.164</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.527</u> (.447 - .547) Maintenance Performed By <u>SP</u> ☒ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>SP</u> ☒ Lab Temp °C <u>20.9</u> External Digital Therm. ID#: <u>300505</u> ☒ 34°C +/- .2 Serial #: <u>MP5088</u> ☒ 34°C +/- .2 Serial #: <u>MP5089</u> ☒ 34°C +/- .2 Serial #: <u>MP5090</u>																																												
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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 80-005290, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-005290</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>PINELLAS COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/05/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>14:45</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.

02/05/2020

Date

Shayla Platt

SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 January 2020

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Adam 13K 2/6/2020

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PINELLAS COUNTY SO
Time of Inspection: 14:45

Date of Inspection: 02/05/2020

Serial Number: 80-005290
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG931603 Exp: 11/12/2021
0.000	0.049	0.079	0.198	0.079
0.000	0.048	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.048	0.079	0.199	0.079
0.000	0.048	0.079	0.199	0.078
0.000	0.048	0.080	0.199	0.078
0.000	0.048	0.079	0.200	0.078
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.078
0.000	0.049	0.079	0.199	0.078
Standard Deviations	0.0005	0.0003	0.0005	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

JBM
73K
2/6/2020

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

02/05/2020
Date

Stability Checks

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
01/27/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:47
Control Test	0.048	10:48
Air Blank	0.000	10:48
Control Test	0.048	10:49
Air Blank	0.000	10:50
Control Test	0.049	10:50
Air Blank	0.000	10:51
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

SS

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
01/27/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:52
Control Test	0.078	10:52
Air Blank	0.000	10:53
Control Test	0.078	10:54
Air Blank	0.000	10:54
Control Test	0.078	10:55
Air Blank	0.000	10:55
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

SS

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
01/27/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:56
Control Test	0.200	10:57
Air Blank	0.000	10:58
Control Test	0.201	10:58
Air Blank	0.000	10:59
Control Test	0.201	10:59
Air Blank	0.000	11:00
Control Test Stats		
Average	0.2007	
Std Dev	0.0006	
Rel Std Dev(%)	0.2877	

SS

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
01/27/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:02
Control Test	0.081	11:02
Air Blank	0.000	11:03
Control Test	0.081	11:03
Air Blank	0.000	11:03
Control Test	0.081	11:04
Air Blank	0.000	11:04
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

SS

Operator's Signature

SSM
43K
2/6/2020

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
02/05/2020
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 5.828

2: Rate (Liters/min) = 15

SQRT(Diff)) = 10.582

3: Rate (Liters/min) = 30

SQRT(Diff)) = 19.797

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 691

Rounded Intercept = -466794

Correlation = 0.99773

SP

PPM
13K
2/6/2020

CHANEL 2

Sample % Abs (% Abs Ref)
Sample #1 = 1.5990 (-0.0080)
Sample #2 = 1.5790 (0.0090)
Sample #3 = 1.5740 (0.0070)
Sample #4 = 1.5940 (-0.0130)
Avg % Abs = 1.5823 (0.0010)
STD DEV = 0.0104 (0.0122)
REL STD DEV = 0.658 (1216.553)

SN 80-005290
07:52:00

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 28

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12644, Sum Io = 13408
CHANEL 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.0240 (0.0070)
Sample #2 = 0.0680 (-0.0110)
Sample #3 = 0.0300 (0.0090)
Sample #4 = 0.0190 (0.0280)
Avg % Abs = 0.0390 (0.0087)
STD DEV = 0.0257 (0.0195)
REL STD DEV = 65.923 (225.025)

CHANEL 2
Sample % Abs (% Abs Ref)
Sample #1 = 0.1510 (0.0000)
Sample #2 = 0.2050 (-0.0190)
Sample #3 = 0.1460 (0.0100)
Sample #4 = 0.1370 (0.0060)
Avg % Abs = 0.1627 (-0.0010)
STD DEV = 0.0369 (0.0157)
REL STD DEV = 22.707 (1571.623)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12641, Sum Io = 13407
CHANEL 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.8090 (0.0160)
Sample #2 = 0.7870 (0.0060)
Sample #3 = 0.7670 (0.0160)
Sample #4 = 0.7850 (-0.0020)
Avg % Abs = 0.7797 (0.0067)
STD DEV = 0.0110 (0.0090)
REL STD DEV = 11.413 (35.355)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12638, Sum Io = 13405
CHANEL 1
Sample % Abs (% Abs Ref)
Sample #1 = 3.6390 (-0.0080)
Sample #2 = 3.6550 (0.0080)
Sample #3 = 3.6560 (0.0070)
Sample #4 = 3.6570 (0.0110)
Avg % Abs = 3.6560 (0.0087)
STD DEV = 0.0010 (0.0021)
REL STD DEV = 0.027 (24.03)

CHANEL 2
Sample % Abs (% Abs Ref)
Sample #1 = 3.6250 (0.0070)
Sample #2 = 3.6400 (0.0070)
Sample #3 = 3.6130 (0.0090)
Sample #4 = 3.6130 (0.0090)
Avg % Abs = 3.6220 (0.0083)
STD DEV = 0.0156 (0.0012)
REL STD DEV = 0.430 (13.856)

CHANEL 2
Sample % Abs (% Abs Ref)
Sample #1 = 10.0260 (-0.0180)
Sample #2 = 9.9960 (0.0200)
Sample #3 = 10.0070 (0.0110)
Sample #4 = 10.0050 (0.0030)
Avg % Abs = 10.0027 (0.0113)
STD DEV = 0.0059 (0.0085)
REL STD DEV = 0.059 (75.043)

CHANEL 2
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.163
Std Dev = 0.04 Rel Std Dev = 22.71
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.582
Std Dev = 0.01 Rel Std Dev = 0.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.622
Std Dev = 0.02 Rel Std Dev = 0.43
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.965
Std Dev = 0.03 Rel Std Dev = 0.37
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.003
Std Dev = 0.01 Rel Std Dev = 0.06
Zero Order Coef = -196.26
First Order Coef = 1304.45
Second Order Coef = 14.14
Standard Deviation = 37.51056

CHANEL 1
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.0003
Std Dev = 0.040 0.000
Zero Order Coef = -73.22
First Order Coef = 2519.75
Second Order Coef = 35.73
Standard Deviation = 68.994583

CHANEL 1
Sample #1 = 3437.00
Sample #2 = 3401.00
Sample #3 = 3481.00
Sample #4 = 3416.00
Average Result = 3432.6667
STD DEV = 42.5245
REL STD DEV = 1.239

CHANEL 2
Sample #1 = 3324.00
Sample #2 = 3298.00
Sample #3 = 3332.00
Sample #4 = 3306.00
Average Result = 3312.0000
STD DEV = 17.7764
REL STD DEV = 0.537

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1016
3 um H2O Adjust (mg/l*10,000) = 377
9 um H2O Adjust (mg/l*10,000) = 497
**** AUTO CAL PASS

CHANEL 2

***** AUTO CAL DATA *****
CHANEL 1
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.039
Std Dev = 0.03 Rel Std Dev = 65.92
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.780
Std Dev = 0.01 Rel Std Dev = 1.41
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.834
Std Dev = 0.01 Rel Std Dev = 0.58
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.656
Std Dev = 0.00 Rel Std Dev = 0.03
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.289
Std Dev = 0.03 Rel Std Dev = 0.52
Zero Order Coef = -73.22
First Order Coef = 2519.75
Second Order Coef = 35.73
Standard Deviation = 68.994583

CHANEL 2
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.163
Std Dev = 0.04 Rel Std Dev = 22.71
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.582
Std Dev = 0.01 Rel Std Dev = 0.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.622
Std Dev = 0.02 Rel Std Dev = 0.43
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.965
Std Dev = 0.03 Rel Std Dev = 0.37
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.003
Std Dev = 0.01 Rel Std Dev = 0.06
Zero Order Coef = -196.26
First Order Coef = 1304.45
Second Order Coef = 14.14
Standard Deviation = 37.51056

CHANEL 1
Sample #1 = 3437.00
Sample #2 = 3401.00
Sample #3 = 3481.00
Sample #4 = 3416.00
Average Result = 3432.6667
STD DEV = 42.5245
REL STD DEV = 1.239

CHANEL 2
Sample #1 = 3324.00
Sample #2 = 3298.00
Sample #3 = 3332.00
Sample #4 = 3306.00
Average Result = 3312.0000
STD DEV = 17.7764
REL STD DEV = 0.537

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1016
3 um H2O Adjust (mg/l*10,000) = 377
9 um H2O Adjust (mg/l*10,000) = 497
**** AUTO CAL PASS

CAL ADJUSTMENT

#80-005290 SP

PK 2/6/2020

Post Cal-Adjust Stability Checks #80-005290

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:32
Control Test	0.049	11:32
Air Blank	0.000	11:33
Control Test	0.048	11:34
Air Blank	0.000	11:34
Control Test	0.048	11:35
Air Blank	0.000	11:35
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

SP
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:45
Control Test	0.080	11:46
Air Blank	0.000	11:46
Control Test	0.079	11:47
Air Blank	0.000	11:48
Control Test	0.080	11:48
Air Blank	0.000	11:49
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

SP
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:27
Control Test	0.200	11:27
Air Blank	0.000	11:28
Control Test	0.200	11:28
Air Blank	0.000	11:29
Control Test	0.200	11:30
Air Blank	0.000	11:30
Control Test Stats		
Average	0.2000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005290
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:05
Control Test	0.080	09:06
Air Blank	0.000	09:06
Control Test	0.079	09:06
Air Blank	0.000	09:07
Control Test	0.079	09:07
Air Blank	0.000	09:08
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

SP
Operator's Signature

SPK 2/6/2020