FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Pinellas County Sheriff's Office S/N 80-001367

Date In 02/04/2020 DI Completion Date 2/5/20 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By RAW

- ☑ 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 DK

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 163
- ☒ Flow Verification (L/s)

Flow Column # ATP-102

32 mm	0.164	(.139 - .169)
36 mm	0.179	(.156 - .190)
53 mm	0.250	(.228 - .278)
103 mm	0.515	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	201905A
		05-14-2021
0.080	MP5089	201905B
		05-14-2021
0.200	MP5090	201904D
		04-30-2021
0.080 DGS	N/A	AG916501
		06-14-2021

Flow Calibration Performed By _____

Flow Column # _____

- ☐ 5L/min – 17mm
- ☐ 15L/min – 53mm
- ☐ 30L/min – 103mm
- ☐ R-Value _____
- ☐ Post Calibration Verification (L/s)

Flow Column # _____

32 mm		(.139 - .169)
36 mm		(.156 - .190)
53 mm		(.228 - .278)
103 mm		(.447 - .547)

Maintenance Performed By _____

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other _____

Temperature Checks Performed By SP

- ☒ Lab Temp °C 21.6
- External Digital Therm. ID#: 300505
- ☒ 34°C +-.2 Serial #: MP5088
- ☒ 34°C +-.2 Serial #: MP5089
- ☒ 34°C +-.2 Serial #: MP5090

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1016 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5091	N/A	N/A
0.040	MP5082	19080	3-4-21
0.100	MP5083	19060	7-9-21
0.200	MP5084	19040	1-29-21
0.300	MP5085	19010	1-3-21
0.080 DGS	N/A 088	19080A1	6-5-21

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	201905A	5-14-21
0.080	MP5089	201905B	5-14-21
0.200	MP5090	201904D	4-30-21
0.080 DGS	N/A	AG916501	6-14-21

Department Inspection Performed By SP

Barometric Pressure ID# 28427

Gauge 1009 Instrument 1012

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

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

Notes/Suggested Service: difference in standard barometer readings caused by time lapse and approaching weather front. PGM

- ☒ **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**

PGM 2/6/20 Tech Review / Date

Brett Kirkland 2/6/2020 Admin Review / Date

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 80-001367 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001367
Owning Agency:	PINELLAS COUNTY SO
Calibration Date:	02/05/2020
Calibration Time:	16:30

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
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

PDM BK 2/6/2020

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PINELLAS COUNTY SO
Time of Inspection: 16:30
Date of Inspection: 02/05/2020
Serial Number: 80-001367
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	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.049	0.080	0.201	0.080
Standard Deviations	0.0000	0.0003	0.0000	0.0000

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0000 Number of Simulators Used: 5

Remarks:

@8am
BK
2/6/2020

The above instrument complies (X) 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

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/04/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:50
Control Test	0.040	14:50
Air Blank	0.000	14:51
Control Test	0.040	14:52
Air Blank	0.000	14:52
Control Test	0.041	14:53
Air Blank	0.000	14:53

Control Test Stats

Average	0.0403
Std Dev	0.0006
Rel Std Dev(%)	1.4314

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/04/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:54
Control Test	0.073	14:55
Air Blank	0.000	14:56
Control Test	0.072	14:56
Air Blank	0.000	14:57
Control Test	0.075	14:58
Air Blank	0.000	14:58

Control Test Stats

Average	0.0733
Std Dev	0.0015
Rel Std Dev(%)	2.0830

wet

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/04/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:59
Control Test	0.196	15:00
Air Blank	0.000	15:00
Control Test	0.195	15:01
Air Blank	0.000	15:02
Control Test	0.195	15:02
Air Blank	0.000	15:03

Control Test Stats

Average	0.1953
Std Dev	0.0006
Rel Std Dev(%)	0.2956

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/04/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:05
Control Test	0.079	15:06
Air Blank	0.000	15:06
Control Test	0.080	15:07
Air Blank	0.000	15:07
Control Test	0.080	15:07
Air Blank	0.000	15:08

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

Dry

Operator's Signature

BJK
2/26/2020

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/05/2020 11:34:41

Auto Calibration
Max Power Res Value = 32
Auto Range Res Value = 20

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12816, 9um Io = 13757

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1060	(-0.0280)
Sample #2 =	0.1000	(-0.0150)
Sample #3 =	0.1240	(-0.0310)
Sample #4 =	0.1040	(-0.0320)

Avg % Abs = 0.1093 (-0.0260)
STD DEV = 0.0129 (0.0095)
REL STD DEV = 11.761 (36.690)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0850	(-0.0040)
Sample #2 =	0.1010	(-0.0070)
Sample #3 =	0.1390	(-0.0300)
Sample #4 =	0.1160	(-0.0250)

Avg % Abs = 0.1187 (-0.0207)
STD DEV = 0.0191 (0.0121)
REL STD DEV = 16.129 (58.533)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12814, 9um Io = 13758

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8350	(-0.0240)
Sample #2 =	0.8510	(-0.0270)
Sample #3 =	0.8300	(-0.0220)
Sample #4 =	0.8350	(0.0000)

Avg % Abs = 0.8387 (-0.0163)
STD DEV = 0.0110 (0.0144)
REL STD DEV = 1.308 (87.945)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5440	(-0.0040)
Sample #2 =	1.5400	(0.0050)
Sample #3 =	1.5250	(0.0170)
Sample #4 =	1.5190	(0.0400)

Avg % Abs = 1.5280 (0.0207)
STD DEV = 0.0108 (0.0178)
REL STD DEV = 0.708 (86.060)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12818, 9um Io = 13756

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9720	(-0.0220)
Sample #2 =	1.9040	(0.0430)
Sample #3 =	1.8780	(0.0610)
Sample #4 =	1.8760	(0.0580)

Avg % Abs = 1.8860 (0.0540)
STD DEV = 0.0156 (0.0096)
REL STD DEV = 0.828 (17.859)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6260	(0.0010)
Sample #2 =	3.5840	(0.0500)
Sample #3 =	3.5580	(0.0620)
Sample #4 =	3.5620	(0.0650)

Avg % Abs = 3.5680 (0.0590)
STD DEV = 0.0140 (0.0079)
REL STD DEV = 0.392 (13.453)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12813, 9um Io = 13756

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7180	(-0.0300)
Sample #2 =	3.6810	(0.0410)
Sample #3 =	3.6770	(0.0220)
Sample #4 =	3.6940	(0.0280)

Avg % Abs = 3.6840 (0.0303)
STD DEV = 0.0089 (0.0097)
REL STD DEV = 0.241 (32.019)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0120	(-0.0120)
Sample #2 =	6.8960	(0.1110)
Sample #3 =	6.8840	(0.1090)
Sample #4 =	6.9370	(0.0800)

Avg % Abs = 6.9057 (0.1000)
STD DEV = 0.0278 (0.0173)
REL STD DEV = 0.402 (17.349)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12813, 9um Io = 13751

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4120	(-0.0270)
Sample #2 =	5.3330	(0.0610)
Sample #3 =	5.3450	(0.0550)
Sample #4 =	5.3340	(0.0660)

Avg % Abs = 5.3373 (0.0607)
STD DEV = 0.0067 (0.0055)
REL STD DEV = 0.125 (9.078)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0740	(-0.0100)
Sample #2 =	9.9500	(0.1290)
Sample #3 =	9.9590	(0.1200)
Sample #4 =	9.9560	(0.1230)

Avg % Abs = 9.9550 (0.1240)
STD DEV = 0.0046 (0.0046)
REL STD DEV = 0.046 (3.696)

***** AUTO CAL DATA *****

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.109
Std Dev = 0.01 Rel Std Dev = 11.76
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.839
Std Dev = 0.01 Rel Std Dev = 1.31
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.886
Std Dev = 0.02 Rel Std Dev = 0.83
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.684
Std Dev = 0.01 Rel Std Dev = 0.24
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.337
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -264.20
First Order Coef = 2574.48
Second Order Coef = 27.53
Standard Deviation = 52.924168

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.119
Std Dev = 0.02 Rel Std Dev = 16.13
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.528
Std Dev = 0.01 Rel Std Dev = 0.71
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.568
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.906
Std Dev = 0.03 Rel Std Dev = 0.40
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.955
Std Dev = 0.00 Rel Std Dev = 0.05
Zero Order Coef = -138.90
First Order Coef = 1313.64
Second Order Coef = 13.41
Standard Deviation = 34.807423

CAL ADJUSTMENT
#80-001367 SP

BK 2/6/2020

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0004
0.040	0.040	-0.0002
0.100	0.098	0.0015
0.200	0.201	-0.0015
0.300	0.299	0.0005

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0004
0.040	0.040	0.0001
0.100	0.099	0.0009
0.200	0.201	-0.0010
0.300	0.300	0.0004

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3089.00
Sample #2 = 3072.00
Sample #3 = 3069.00
Sample #4 = 3058.00
Average Result = 3066.3333
STD DEV = 7.3711
REL STD DEV = 0.240
****
***** CHANNEL 2
Sample #1 = 3409.00
Sample #2 = 3406.00
Sample #3 = 3433.00
Sample #4 = 3424.00
Average Result = 3421.0000
STD DEV = 13.7477
REL STD DEV = 0.402
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1014
3 um H2O Adjust (mg/l*10,000) = 743
9 um H2O Adjust (mg/l*10,000) = 388
**** AUTO CAL PASS

Post Cal Adjust Stability Checks

#80-001367

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:27
Control Test	0.049	14:28
Air Blank	0.000	14:29
Control Test	0.048	14:29
Air Blank	0.000	14:30
Control Test	0.049	14:31
Air Blank	0.000	14:31
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

SP
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:35
Control Test	0.080	14:36
Air Blank	0.000	14:37
Control Test	0.079	14:37
Air Blank	0.000	14:38
Control Test	0.079	14:38
Air Blank	0.000	14:39
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

SP
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:49
Control Test	0.202	14:49
Air Blank	0.000	14:50
Control Test	0.201	14:51
Air Blank	0.000	14:51
Control Test	0.200	14:52
Air Blank	0.000	14:53
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	

SP
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001367
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:18
Control Test	0.079	13:18
Air Blank	0.000	13:19
Control Test	0.081	13:19
Air Blank	0.000	13:19
Control Test	0.081	13:20
Air Blank	0.000	13:20
Control Test Stats		
Average	0.0803	
Std Dev	0.0012	
Rel Std Dev(%)	1.4374	

DAS

SP
Operator's Signature

PJM BK 2/6/2020