FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Panama City PD S/N 80-001204

Date In 6/28/18 DI Completion Date 7/6/2018 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By SQC

- ☑ 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

JUL 09 2018

Alcohol Testing Program

Quality Checks Performed By DJM

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 232
- ☒ Flow Verification (L/s)

Flow Column # ATP102

32 mm	.152	(.139 - .169)
36 mm	.164	(.156 - .190)
53 mm	.234	(.228 - .278)
103 mm	.511	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201707D 7/25/19
0.080	SD3962	201707E 7/25/19
0.200	G2078	201707C 7/24/19
0.080 DGS	N/A	AG805702 2/26/20

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 DJM

- ☒ Lab Temp °C 21.4
- External Digital Therm. ID#: 800503
- ☒ 34°C +-.2 Serial #: SD1021
- ☒ 34°C +-.2 Serial #: DR1275
- ☒ 34°C +-.2 Serial #: SD1019

Calibration Adjustment Performed By DJM

Barometric Pressure Gauge 1019 ID # 28662

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	17410	12/6/19
0.100	G2879	18070	2/26/20
0.200	G3209	17340	10/9/19
0.300	G8149	18110	4/2/20
0.080 DGS	N/A	1781708OA2	8/5/19

- ☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1018	201707D	7/25/19
0.080	SD3962	201707E	7/25/19
0.200	G2078	201707C	7/24/19
0.080 DGS	N/A	AG805702	2/26/20

Department Inspection Performed By DJM

Barometric Pressure ID# 28427

Gauge 1019 Instrument 1019

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: All values were within tolerance, but cal. adjusted to bring them closer to nominal

- ☒ **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**

DJM 7/9/18 Tech Review / Date

DJ Dahm 7/9/18 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PANAMA CITY PD
Time of Inspection: 10:25
Date of Inspection: 07/06/2018
Serial Number: 80-001204
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	0.081	0.171 / 0.198	0.079
0.000	0.049	0.081	0.194 / 0.199	0.079
0.000	0.050	0.081	0.194 / 0.199	0.079
0.000	0.050	0.081	0.197 / 0.199	0.079
0.000	0.050	0.081	0.198 / 0.200	0.079
0.000	0.050	0.081	0.198 / 0.199	0.079
0.000	0.050	0.081	0.198 / 0.199	0.079
0.000	0.050	0.081	0.198 / 0.200	0.079
0.000	0.050	0.081	0.198 / 0.199	0.079
0.000	0.050	0.082	0.198 / 0.199	0.079

Standard Deviations	0.0003	0.0003	0.0083 / 0.0005	0.0000

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:
20: Control Outside Tolerance SIM LEAK.

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.

Patrick J Murphy
PATRICK J MURPHY
Signature and Printed Name

07/06/2018
Date

7/9/18

FDLE/ATP Form 41 –Revised August 2005

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:32
Control Test	0.046	11:32
Air Blank	0.000	11:33
Control Test	0.047	11:34
Air Blank	0.000	11:34
Control Test	0.047	11:35
Air Blank	0.000	11:35
Control Test Stats		
Average	0.0467	
Std Dev	0.0006	
Rel Std Dev(%)	1.2372	

P Murphy
Operator's Signature

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:22
Control Test	0.076	11:23
Air Blank	0.000	11:24
Control Test	0.078	11:24
Air Blank	0.000	11:25
Control Test	0.078	11:25
Air Blank	0.000	11:26
Control Test Stats		
Average	0.0773	
Std Dev	0.0012	
Rel Std Dev(%)	1.4932	

P Murphy
Operator's Signature

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:42
Control Test	0.194	11:43
Air Blank	0.000	11:43
Control Test	0.195	11:44
Air Blank	0.000	11:45
Control Test	0.195	11:45
Air Blank	0.000	11:46
Control Test Stats		
Average	0.1947	
Std Dev	0.0006	
Rel Std Dev(%)	0.2966	

P Murphy
Operator's Signature

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:47
Control Test	0.080	11:48
Air Blank	0.000	11:48
Control Test	0.080	11:49
Air Blank	0.000	11:49
Control Test	0.080	11:49
Air Blank	0.000	11:50
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGs

P Murphy
Operator's Signature

7/9/18

FDLE

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 80-001204, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001204
Owning Agency:	PANAMA CITY PD
Calibration Date:	07/06/2018
Calibration Time:	10:25

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

07/06/2018
Date

Patrick J Murphy
PATRICK J MURPHY,
Department Inspector

7/9/18

PANAMA CITY PD
Intoxilyzer - Alconol Analyzer
Model 8000 SN 80-001204
07/05/2018 11:58:00

Auto Calibration
Max Power Res Value = 86
Auto Range Res Value = 65

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12525, 9um Io = 13167

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0860	(-0.0230)
Sample #2 =	0.0970	(-0.0340)
Sample #3 =	0.1160	(-0.0240)
Sample #4 =	0.0800	(-0.0010)

Avg % Abs = 0.0977 (-0.0197)
STD DEV = 0.0180 (0.0169)
REL STD DEV = 18.440 (86.041)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1090	(-0.0110)
Sample #2 =	0.0770	(0.0010)
Sample #3 =	0.1060	(-0.0060)
Sample #4 =	0.0910	(-0.0030)

Avg % Abs = 0.0913 (-0.0027)
STD DEV = 0.0145 (0.0035)
REL STD DEV = 15.879 (131.696)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12523, 9um Io = 13167

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7980	(0.0000)
Sample #2 =	0.8140	(-0.0030)
Sample #3 =	0.7860	(0.0250)
Sample #4 =	0.7950	(0.0320)

Avg % Abs = 0.7983 (0.0180)
STD DEV = 0.0143 (0.0185)
REL STD DEV = 1.791 (102.890)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5230	(0.0110)
Sample #2 =	1.5270	(-0.0010)
Sample #3 =	1.5040	(0.0220)
Sample #4 =	1.5210	(0.0130)

Avg % Abs = 1.5173 (0.0113)
STD DEV = 0.0119 (0.0116)
REL STD DEV = 0.786 (102.267)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12518, 9um Io = 13164

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8600	(-0.0070)
Sample #2 =	1.8920	(-0.0230)
Sample #3 =	1.8960	(-0.0270)
Sample #4 =	1.8700	(0.0070)

Avg % Abs = 1.8860 (-0.0143)
STD DEV = 0.0140 (0.0186)
REL STD DEV = 0.742 (129.650)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6520	(0.0030)
Sample #2 =	3.6650	(-0.0250)
Sample #3 =	3.6400	(-0.0020)
Sample #4 =	3.6430	(0.0030)

Avg % Abs = 3.6493 (-0.0080)
STD DEV = 0.0137 (0.0149)
REL STD DEV = 0.374 (186.665)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12516, 9um Io = 13162

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5470	(-0.0240)
Sample #2 =	3.5380	(0.0010)
Sample #3 =	3.5330	(0.0220)
Sample #4 =	3.5390	(0.0000)

Avg % Abs = 3.5367 (0.0077)
STD DEV = 0.0032 (0.0124)
REL STD DEV = 0.091 (162.040)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8840	(-0.0090)
Sample #2 =	6.9130	(0.0000)
Sample #3 =	6.9210	(0.0000)
Sample #4 =	6.9160	(-0.0010)

Avg % Abs = 6.9167 (-0.0003)
STD DEV = 0.0040 (0.0006)
REL STD DEV = 0.058 (173.205)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12514, 9um Io = 13162

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.2280	(-0.0160)
Sample #2 =	5.2040	(0.0000)
Sample #3 =	5.2040	(0.0140)
Sample #4 =	5.2040	(0.0300)

Avg % Abs = 5.2040 (0.0147)
STD DEV = 0.0000 (0.0150)
REL STD DEV = 0.000 (102.348)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0870	(-0.0030)
Sample #2 =	10.1040	(0.0160)
Sample #3 =	10.1200	(0.0150)
Sample #4 =	10.1120	(0.0150)

Avg % Abs = 10.1120 (0.0153)
STD DEV = 0.0080 (0.0006)
REL STD DEV = 0.079 (3.765)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.098
Std Dev = 0.02 Rel Std Dev = 18.44
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.798
Std Dev = 0.01 Rel Std Dev = 1.79
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.886
Std Dev = 0.01 Rel Std Dev = 0.74
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.537
Std Dev = 0.00 Rel Std Dev = 0.09
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.204
Std Dev = 0.00 Rel Std Dev = 0.00
Zero Order Coef = -259.13
First Order Coef = 2645.07
Second Order Coef = 29.27
Standard Deviation = 50.597530

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.091
Std Dev = 0.01 Rel Std Dev = 15.88
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.517
Std Dev = 0.01 Rel Std Dev = 0.79
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.649
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.917
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.112
Std Dev = 0.01 Rel Std Dev = 0.08
Zero Order Coef = -123.17
First Order Coef = 1308.68
Second Order Coef = 11.62
Standard Deviation = 31.746721

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0000
0.040	0.039	0.0007
0.100	0.102	-0.0015
0.200	0.199	0.0012
0.300	0.300	-0.0004

7/9/18

80-001204

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.040	0.0003
0.100	0.101	-0.0010
0.200	0.199	0.0008
0.300	0.300	-0.0003

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3169.00
Sample #2 = 3097.00
Sample #3 = 3174.00
Sample #4 = 3158.00
Average Result = 3143.0000
STD DEV = 40.6325
REL STD DEV = 1.293
****
***** CHANNEL 2
Sample #1 = 3457.00
Sample #2 = 3427.00
Sample #3 = 3468.00
Sample #4 = 3463.00
Average Result = 3452.6667
STD DEV = 22.3681
REL STD DEV = 0.648
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1019
3 um H20 Adjust (mg/l*10,000) = 666
9 um H20 Adjust (mg/l*10,000) = 357
**** AUTO CAL PASS

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:48
Control Test	0.049	12:48
Air Blank	0.000	12:49
Control Test	0.050	12:50
Air Blank	0.000	12:50
Control Test	0.050	12:51
Air Blank	0.000	12:51
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

P Murphy
Operator's Signature

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:53
Control Test	0.080	12:53
Air Blank	0.000	12:54
Control Test	0.081	12:55
Air Blank	0.000	12:55
Control Test	0.081	12:56
Air Blank	0.000	12:56
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

P Murphy
Operator's Signature

POST CALIBRATION
ADJUST STABILITIES

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:58
Control Test	0.197	12:59
Air Blank	0.000	12:59
Control Test	0.198	13:00
Air Blank	0.000	13:00
Control Test	0.198	13:01
Air Blank	0.000	13:02
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

P Murphy
Operator's Signature

PANAMA CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001204
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:15
Control Test	0.079	13:15
Air Blank	0.000	13:16
Control Test	0.079	13:16
Air Blank	0.000	13:16
Control Test	0.079	13:17
Air Blank	0.000	13:17
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

P Murphy
Operator's Signature

7/9/18