FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Gulf Breeze PD S/N 80-000787

Date In 11/25/2019 DI Completion Date 11/27/19 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

Intake Performed By DP

☒ 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:

Quality Checks Performed By PJM

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 189
☒ Flow Verification (L/s)
Flow Column # ATP102
32 mm .156 (.139 - .169)
36 mm .175 (.156 - .190)
53 mm .242 (.228 - .278)
103 mm .507 (.447 - .547)
☒ Barometric Pressure Check
Gauge ID # 28421
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201905A 5/14/21
0.080	SD3962	201905B 5/14/21
0.200	G2078	201904D 4/30/21
0.080 DGS	N/A	AG916501 6/14/21

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 PJM

☒ Lab Temp °C 21.2
External Digital Therm. ID#: 300505
☒ 34°C +-.2 Serial #: SD1018
☒ 34°C +-.2 Serial #: SD3962
☒ 34°C +-.2 Serial #: G2078

Final Release Date

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DEC 05 2019
Alcohol Testing Program

Calibration Adjustment Performed By PJM

Barometric Pressure Gauge 1017 ID # 30793

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3/4/21
0.100	G2879	19160	7/9/21
0.200	G3709	19040	1/29/21
0.300	G8149	19010	1/3/21
0.080 DGS	N/A	035190804	4/5/21

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1018	201905A	5/14/21
0.080	SD3962	201905B	5/14/21
0.200	G2078	201904D	4/30/21
0.080 DGS	N/A	AG916501	6/14/21

Department Inspection Performed By PJM

Barometric Pressure ID# 28421
Gauge 1017 Instrument 1017
Mouth Alcohol Solution Lot # 2018-B
Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	G4444
Interferent	G6621
0.050	SD1018
0.080	SD3962
0.200	G2078

Attachments

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

Notes/Suggested Service:

☒ **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**

SP 12/4/19 Brett Kirkland 12/4/19
Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: GULF BREEZE PD
Serial Number: 80-000787
Time of Inspection: 09:49
Date of Inspection: 11/27/2019
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#:AG916501 Exp: 06/14/2021
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.080	0.202	0.079
0.000	0.049	0.080	0.203	0.079
0.000	0.049	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.080
0.000	0.050	0.080	0.202	0.080
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.202	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.202	0.079

Standard Deviations	0.0005	0.0003	0.0010	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

SP
BK
12/4/19

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

11/27/2019
Date

FDLE/ATP Form 41 –Revised August 2005

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/25/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:49
Control Test	0.047	07:49
Air Blank	0.000	07:50
Control Test	0.047	07:50
Air Blank	0.000	07:51
Control Test	0.047	07:52
Air Blank	0.000	07:52
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy
Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/25/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:54
Control Test	0.076	07:54
Air Blank	0.000	07:55
Control Test	0.077	07:56
Air Blank	0.000	07:56
Control Test	0.077	07:57
Air Blank	0.000	07:57
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

P Murphy
Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/25/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:03
Control Test	0.197	08:04
Air Blank	0.000	08:04
Control Test	0.198	08:05
Air Blank	0.000	08:06
Control Test	0.198	08:06
Air Blank	0.000	08:07
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

P Murphy
Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/25/2019
Software: 8100.27

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

DGS

P Murphy
Operator's Signature

SP
BK
12/4/19

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/26/2019 08:19:47

Auto Calibration
Max Power Res Value = 34
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12821, 9um Io = 13597
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1220	(-0.0130)
Sample #2 =	0.1370	(0.0340)
Sample #3 =	0.1690	(0.0180)
Sample #4 =	0.1340	(0.0370)

Avg % Abs = 0.1467 (0.0297)
STD DEV = 0.0194 (0.0102)
REL STD DEV = 13.227 (34.430)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1210	(-0.0170)
Sample #2 =	0.1430	(-0.0040)
Sample #3 =	0.1390	(-0.0070)
Sample #4 =	0.1430	(-0.0010)

Avg % Abs = 0.1417 (-0.0040)
STD DEV = 0.0023 (0.0030)
REL STD DEV = 1.630 (75.000)

PJM

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12813, 9um Io = 13597
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8830	(-0.0250)
Sample #2 =	0.8640	(0.0090)
Sample #3 =	0.8640	(0.0170)
Sample #4 =	0.8860	(0.0030)

Avg % Abs = 0.8713 (0.0097)
STD DEV = 0.0127 (0.0070)
REL STD DEV = 1.458 (72.660)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5410	(-0.0100)
Sample #2 =	1.5490	(0.0100)
Sample #3 =	1.5400	(0.0210)
Sample #4 =	1.5620	(0.0190)

Avg % Abs = 1.5503 (0.0167)
STD DEV = 0.0111 (0.0059)
REL STD DEV = 0.713 (35.157)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12810, 9um Io = 13594
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9540	(-0.0140)
Sample #2 =	1.9780	(0.0200)
Sample #3 =	1.9740	(0.0340)
Sample #4 =	1.9530	(0.0420)

Avg % Abs = 1.9683 (0.0320)
STD DEV = 0.0134 (0.0111)
REL STD DEV = 0.682 (34.799)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5760	(-0.0090)
Sample #2 =	3.5870	(0.0190)
Sample #3 =	3.5970	(0.0220)
Sample #4 =	3.5880	(0.0200)

Avg % Abs = 3.5907 (0.0203)
STD DEV = 0.0055 (0.0015)
REL STD DEV = 0.153 (7.512)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12804, 9um Io = 13594
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6720	(-0.0250)
Sample #2 =	3.6930	(-0.0070)
Sample #3 =	3.7330	(0.0000)
Sample #4 =	3.7190	(-0.0020)

Avg % Abs = 3.7150 (-0.0030)
STD DEV = 0.0203 (0.0036)
REL STD DEV = 0.546 (120.185)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7580	(0.0090)
Sample #2 =	6.7800	(0.0330)
Sample #3 =	6.8360	(0.0270)
Sample #4 =	6.8360	(0.0270)

Avg % Abs = 6.8173 (0.0290)
STD DEV = 0.0323 (0.0035)
REL STD DEV = 0.474 (11.945)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12801, 9um Io = 13588
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3770	(-0.0110)
Sample #2 =	5.4140	(-0.0240)
Sample #3 =	5.4130	(-0.0080)
Sample #4 =	5.4160	(0.0210)

Avg % Abs = 5.4143 (-0.0037)
STD DEV = 0.0015 (0.0228)
REL STD DEV = 0.028 (622.113)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8170	(0.0000)
Sample #2 =	9.8830	(-0.0030)
Sample #3 =	9.9160	(-0.0030)
Sample #4 =	9.9040	(0.0160)

Avg % Abs = 9.9010 (0.0033)
STD DEV = 0.0167 (0.0110)
REL STD DEV = 0.169 (329.090)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.147
Std Dev = 0.02 Rel Std Dev = 13.23
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.871
Std Dev = 0.01 Rel Std Dev = 1.46
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.968
Std Dev = 0.01 Rel Std Dev = 0.68
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.715
Std Dev = 0.02 Rel Std Dev = 0.55
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.414
Std Dev = 0.00 Rel Std Dev = 0.03
Zero Order Coef = -367.55
First Order Coef = 2561.37
Second Order Coef = 26.81
Standard Deviation = 13.909589

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.142
Std Dev = 0.00 Rel Std Dev = 1.63
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.550
Std Dev = 0.01 Rel Std Dev = 0.71
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.591
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.817
Std Dev = 0.03 Rel Std Dev = 0.47
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.901
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -195.24
First Order Coef = 1337.52
Second Order Coef = 12.67
Standard Deviation = 8.365922

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0004
0.100	0.100	-0.0003
0.200	0.200	0.0001
0.300	0.300	-0.0000

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12/4/19

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	-0.0001
0.100	0.100	-0.0002
0.200	0.200	0.0002
0.300	0.300	-0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3021.00
Sample #2 = 3136.00
Sample #3 = 3128.00
Sample #4 = 3006.00
Average Result = 3090.0000
STD DEV = 72.8560
REL STD DEV = 2.358
****
***** CHANNEL 2
Sample #1 = 3342.00
Sample #2 = 3366.00
Sample #3 = 3377.00
Sample #4 = 3363.00
Average Result = 3368.6667
STD DEV = 7.3711
REL STD DEV = 0.219
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1017
3 um H20 Adjust (mg/l*10,000) = 719
9 um H20 Adjust (mg/l*10,000) = 441
**** AUTO CAL PASS

PJM

80-000787 AND
POST CALIBRATION
ADJUST STABILITIES

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/27/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:19
Control Test	0.048	07:19
Air Blank	0.000	07:20
Control Test	0.049	07:21
Air Blank	0.000	07:21
Control Test	0.049	07:22
Air Blank	0.000	07:22

Control Test Stats

Average	0.0487
Std Dev	0.0006
Rel Std Dev(%)	1.1863

P Murphy
Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/27/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:24
Control Test	0.078	07:24
Air Blank	0.000	07:25
Control Test	0.079	07:26
Air Blank	0.000	07:26
Control Test	0.079	07:27
Air Blank	0.000	07:27

Control Test Stats

Average	0.0787
Std Dev	0.0006
Rel Std Dev(%)	0.7339

P Murphy
Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/27/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:29
Control Test	0.198	07:29
Air Blank	0.000	07:30
Control Test	0.200	07:31
Air Blank	0.000	07:31
Control Test	0.201	07:32
Air Blank	0.000	07:32

Control Test Stats

Average	0.1997
Std Dev	0.0015
Rel Std Dev(%)	0.7650

P Murphy
Operator's Signature

GULF BREEZE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000787
11/27/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:34
Control Test	0.079	07:34
Air Blank	0.000	07:34
Control Test	0.080	07:35
Air Blank	0.000	07:35
Control Test	0.081	07:35
Air Blank	0.000	07:36

Control Test Stats

Average	0.0800
Std Dev	0.0010
Rel Std Dev(%)	1.2500

DGS

P Murphy
Operator's Signature

SP
BK
12/4/19

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 80-000787 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000787		UNCERTAINTY* ±
Owning Agency:	GULF BREEZE PD	0.050 g/ 210 L	0.004
Calibration Date:	11/27/2019	0.080 g/ 210 L	0.004
Calibration Time:	09:49	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.

11/27/2019
Date

Patrick J Murphy
PATRICK J MURPHY,
Department Inspector

SP

BK
12/4/19