FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Cocoa PD S/N 80-001260

Date In 9/14/17 Date Out 9/19/17 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

RECEIVED SEP 20 2017 Alcohol Testing Program FDLE

Intake Performed By [illegible]

- ☐ Registration
- ☒ Annual
- ☐ Return from CMI
- ☐ Return from Enforcement Electronics
- ☐ Other

Visual Inspection:

- Ok Case
- Ok Handle
- Ok Dry Gas Holder
- Ok Feet
- Ok Keyboard/Plug
- Ok Back/Plugs
- Ok Screws tight
- Ok Breath Hose

Other Equipment:

- ☐ Power cord
- ☐ Printer Cable
- ☒ Other Static Bag

Notes:

Quality Checks Performed By SP

- ☒ Lab Temp °C 21.6
- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 163
- ☒ Flow Verification (L/s)

Flow Column # ATP105

32mm .152 (.139 - .169)
36mm .167 (.156 - .190)
53mm .238 (.228 - .278)
103mm .503 (.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	G2078	201707D 7-25-19
0.08	G8149	201707E 7-25-19
0.20	G2408	201707C 7-24-19
0.08 DGS	N/A	AG626604 9-22-18

Flow Calibration Performed By

- ☒ Flow Calibration N/A
- ☐ Flow Calibration Complete

Flow Column #

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

Flow Column #

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

Maintenance Performed By

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

Quality Checks Cont. Performed By SP

Simulator Temperatures °C

External Digital Therm. ID#: 300504

- ☒ 34°C +-.2 Serial #: SD3962
- ☒ 34°C +-.2 Serial #: SD1013
- ☒ 34°C +-.2 Serial #: SD3933

Calibration Adjustment Performed By SP

- ☐ Calibration Adjustment N/A
- ☒ Calibration Adjustment Complete

Barometric Pressure Gauge 1014 ID # 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	G6621	N/A	N/A
0.040	SD1018	16320	10-21-18
0.100	SD1012	17060	2-14-19
0.200	SD1011	17090	2-24-19
0.300	DR1275	16410	12-19-18
0.080 DGS	N/A	24515080A2	10-5-17

- ☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD3962	201707D	7-25-19
0.08	SD1013	201707E	7-25-19
0.20	SD3933	201707C	7-24-19
0.08 DGS	N/A	AG626604	9-22-18

Department Inspection Performed By SP

- ☒ Barometric Pressure ID# 28427 — 1013 Gauge / 1014 Instrument

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	SD1019
Interferent	SD1021
0.05	SD3962
0.08	SD1013
0.20	SD3933

Attachments

- ☒ Form 41
- ☒ Pre-Stability Tests
- ☐ Flow Calibration
- ☒ Calibration Adjustment
- ☒ Post-Stability Tests
- ☐ Other

Notes/Suggested Service:

PD/Cook@9m 9/19/2017

- ☒ **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**

[illegible] 9/20/17

Quality Control Review Date

STABILITY CHECKS – #80-001260 COCOA P.D.

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:09
Control Test	0.049	12:10
Air Blank	0.000	12:10
Control Test	0.049	12:11
Air Blank	0.000	12:12
Control Test	0.049	12:12
Air Blank	0.000	12:13
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

DGS 9/20/17

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:14
Control Test	0.081	12:15
Air Blank	0.000	12:15
Control Test	0.082	12:16
Air Blank	0.000	12:16
Control Test	0.082	12:17
Air Blank	0.000	12:18
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

SP
Operator's Signature

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:19
Control Test	0.200	12:20
Air Blank	0.000	12:20
Control Test	0.202	12:21
Air Blank	0.000	12:22
Control Test	0.202	12:22
Air Blank	0.000	12:23
Control Test Stats		
Average	0.2013	
Std Dev	0.0012	
Rel Std Dev(%)	0.5735	

SP
Operator's Signature

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.079	12:24
Air Blank	0.000	12:24
Control Test	0.079	12:25
Air Blank	0.000	12:25
Control Test	0.080	12:25
Air Blank	0.000	12:26
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

SP
Operator's Signature

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/19/2017 10:18:12

Auto Calibration
Max Power Res Value = 22
Auto Range Res Value = 11

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12774, 9um Io = 12519

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1010	(-0.0080)
Sample #2 =	0.0690	(0.0480)
Sample #3 =	0.0680	(0.0510)
Sample #4 =	0.0710	(0.0930)

Avg % Abs = 0.0693 (0.0640)
STD DEV = 0.0015 (0.0252)
REL STD DEV = 2.203 (39.312)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1130	(-0.0100)
Sample #2 =	0.1110	(0.0080)
Sample #3 =	0.1040	(0.0150)
Sample #4 =	0.1100	(0.0250)

Avg % Abs = 0.1083 (0.0160)
STD DEV = 0.0038 (0.0085)
REL STD DEV = 3.495 (53.400)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12755, 9um Io = 12510

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8060	(-0.0100)
Sample #2 =	0.7890	(0.0420)
Sample #3 =	0.7950	(0.0430)
Sample #4 =	0.7810	(0.0650)

Avg % Abs = 0.7883 (0.0500)
STD DEV = 0.0070 (0.0130)
REL STD DEV = 0.891 (26.000)

9/20/17 CP

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5200	(0.0000)
Sample #2 =	1.5370	(0.0100)
Sample #3 =	1.5170	(0.0190)
Sample #4 =	1.5280	(0.0300)

Avg % Abs = 1.5273 (0.0197)
STD DEV = 0.0100 (0.0100)
REL STD DEV = 0.656 (50.932)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12742, 9um Io = 12507

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9180	(-0.0270)
Sample #2 =	1.8780	(0.0460)
Sample #3 =	1.8770	(0.0320)
Sample #4 =	1.8870	(0.0750)

Avg % Abs = 1.8807 (0.0510)
STD DEV = 0.0055 (0.0219)
REL STD DEV = 0.293 (43.003)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6570	(-0.0020)
Sample #2 =	3.6000	(0.0690)
Sample #3 =	3.6080	(0.0610)
Sample #4 =	3.6120	(0.0810)

Avg % Abs = 3.6067 (0.0703)
STD DEV = 0.0061 (0.0101)
REL STD DEV = 0.169 (14.312)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12732, 9um Io = 12498

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6710	(-0.0090)
Sample #2 =	3.6290	(0.0700)
Sample #3 =	3.6320	(0.0690)
Sample #4 =	3.6590	(0.0650)

Avg % Abs = 3.6400 (0.0680)
STD DEV = 0.0165 (0.0026)
REL STD DEV = 0.454 (3.891)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9100	(-0.0110)
Sample #2 =	6.8940	(0.0670)
Sample #3 =	6.8770	(0.0860)
Sample #4 =	6.9120	(0.0810)

Avg % Abs = 6.8943 (0.0780)
STD DEV = 0.0175 (0.0098)
REL STD DEV = 0.254 (12.627)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12722, 9um Io = 12492

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3300	(-0.0120)
Sample #2 =	5.3070	(0.0420)
Sample #3 =	5.3040	(0.0900)
Sample #4 =	5.2960	(0.1040)

Avg % Abs = 5.3023 (0.0787)
STD DEV = 0.0057 (0.0325)
REL STD DEV = 0.107 (41.335)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0200	(-0.0140)
Sample #2 =	9.9430	(0.0790)
Sample #3 =	9.9340	(0.1170)
Sample #4 =	9.9530	(0.1090)

Avg % Abs = 9.9433 (0.1017)
STD DEV = 0.0095 (0.0200)
REL STD DEV = 0.096 (19.705)

CAL ADJUSTMENT
#80-001260

SP

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.069
Std Dev = 0.00 Rel Std Dev = 2.20
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.788
Std Dev = 0.01 Rel Std Dev = 0.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.881
Std Dev = 0.01 Rel Std Dev = 0.29
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.640
Std Dev = 0.02 Rel Std Dev = 0.45
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.302
Std Dev = 0.01 Rel Std Dev = 0.11
Zero Order Coef = -152.49
First Order Coef = 2545.24
Second Order Coef = 33.13
Standard Deviation = 24.856771

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.108
Std Dev = 0.00 Rel Std Dev = 3.49
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.527
Std Dev = 0.01 Rel Std Dev = 0.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.607
Std Dev = 0.01 Rel Std Dev = 0.17
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.894
Std Dev = 0.02 Rel Std Dev = 0.25
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.943
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -128.02
First Order Coef = 1298.47
Second Order Coef = 15.12
Standard Deviation = 14.908943

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0005
0.040	0.039	0.0006
0.100	0.100	0.0002
0.200	0.201	-0.0006
0.300	0.300	0.0002

Solution Stats Quadratic Fit Chan 2

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

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3216.00
Sample #2 = 3298.00
Sample #3 = 3184.00
Sample #4 = 3173.00
Average Result = 3218.3333
STD DEV = 69.2122
REL STD DEV = 2.151
****
***** CHANNEL 2
Sample #1 = 3385.00
Sample #2 = 3418.00
Sample #3 = 3375.00
Sample #4 = 3373.00
Average Result = 3388.6667
STD DEV = 25.4231
REL STD DEV = 0.750
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1014
3 um H2O Adjust (mg/l*10,000) = 591
9 um H2O Adjust (mg/l*10,000) = 421
**** AUTO CAL PASS

GDM

POST CAL ADJUSTMENT STABILITY CHECKS #80-001260

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/19/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:23
Control Test	0.050	11:24
Air Blank	0.000	11:24
Control Test	0.049	11:25
Air Blank	0.000	11:26
Control Test	0.050	11:26
Air Blank	0.000	11:27
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP
Operator's Signature

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/19/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.081	12:25
Air Blank	0.000	12:26
Control Test	0.080	12:26
Air Blank	0.000	12:27
Control Test	0.081	12:28
Air Blank	0.000	12:28
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

SP
Operator's Signature

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/19/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:13
Control Test	0.201	11:14
Air Blank	0.000	11:14
Control Test	0.202	11:15
Air Blank	0.000	11:16
Control Test	0.200	11:16
Air Blank	0.000	11:17
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	

SP
Operator's Signature

COCOA P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001260
09/19/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.079	11:18
Air Blank	0.000	11:19
Control Test	0.080	11:19
Air Blank	0.000	11:20
Control Test	0.080	11:20
Air Blank	0.000	11:21
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

PJM

SP
Operator's Signature

9/19/17