FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Bay County S/N 80-001308

Date In 9/26/17 Date Out 10/5/2017 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

RECEIVED OCT 06 2017 FDLE Alcohol Testing Program

Intake Performed By [illegible]

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

Visual Inspection:

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

Other Equipment:

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

Notes:

Quality Checks Performed By [illegible]

- ☒ Lab Temp °C 22.3
- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value .206
- ☒ Flow Verification (L/s)

Flow Column # ATP102

32mm .124 (.139 - .169)
36mm .164 (.156 - .190)
53mm .230 (.228 - .278)
103mm .496 (.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 26932

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD3962	2017070 7/25/19
0.08	SD1013	201707E 7/25/19
0.20	DR3856	201707C 7/24/19
0.08 DGS	N/A	AG708807 3/29/19

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 [illegible]

Simulator Temperatures °C

External Digital Therm. ID#: 300505

- ☑ 34°C +-.2 Serial #: SD3962
- ☒ 34°C +-.2 Serial #: SD1013
- ☒ 34°C +-.2 Serial #: DR3856

Calibration Adjustment Performed By [illegible]

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

Barometric Pressure Gauge 1017 ID # 28421

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	17817080A2	8/5/19

- ☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD3962	2017070	7/25/19
0.08	SD1013	201707E	7/25/19
0.20	DR3856	201707C	7/24/19
0.08 DGS	N/A	AG708807	3/29/19

Department Inspection Performed By [illegible]

- ☒ Barometric Pressure ID# 28427
- 1016 Gauge
- 1016 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	DR3856

Attachments

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

Notes/Suggested Service:

QA/QC - DMS

JJ Graham 10/6/17
Quality Control Review Date

- ☒ **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**

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:11
Control Test	0.050	09:12
Air Blank	0.000	09:12
Control Test	0.050	09:13
Air Blank	0.000	09:13
Control Test	0.050	09:14
Air Blank	0.000	09:15

Control Test Stats

Average	0.0500
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:24
Control Test	0.083	09:25
Air Blank	0.000	09:25
Control Test	0.084	09:26
Air Blank	0.000	09:27
Control Test	0.083	09:27
Air Blank	0.000	09:28

Control Test Stats

Average	0.0833
Std Dev	0.0006
Rel Std Dev(%)	0.6928

Operator's Signature

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:18
Control Test	0.203	09:19
Air Blank	0.000	09:19
Control Test	0.204	09:20
Air Blank	0.000	09:21
Control Test	0.203	09:21
Air Blank	0.000	09:22

Control Test Stats

Average	0.2033
Std Dev	0.0006
Rel Std Dev(%)	0.2839

Operator's Signature

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/05/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:40
Control Test	0.080	08:41
Air Blank	0.000	08:41
Control Test	0.080	08:42
Air Blank	0.000	08:42
Control Test	0.080	08:42
Air Blank	0.000	08:43

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DGS

Operator's Signature

PRE-STABILITY TESTS

10/6/17
JD

CALIBRATION ADJUST 80-001308

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/05/2017 10:01:33

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 23

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12730, 9um Io = 14264

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1000	(-0.0060)
Sample #2 =	0.0820	(0.0350)
Sample #3 =	0.0790	(0.0770)
Sample #4 =	0.0840	(0.1370)

Avg % Abs = 0.0817 (0.0830)
STD DEV = 0.0025 (0.0513)
REL STD DEV = 3.082 (61.764)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0860	(-0.0140)
Sample #2 =	0.0790	(-0.0070)
Sample #3 =	0.0880	(-0.0020)
Sample #4 =	0.1030	(0.0230)

Avg % Abs = 0.0900 (0.0047)
STD DEV = 0.0121 (0.0161)
REL STD DEV = 13.472 (344.416)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12697, 9um Io = 14249

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7860	(-0.0150)
Sample #2 =	0.7640	(-0.0080)
Sample #3 =	0.7340	(0.0370)
Sample #4 =	0.7600	(0.0430)

Avg % Abs = 0.7527 (0.0240)
STD DEV = 0.0163 (0.0279)
REL STD DEV = 2.164 (116.145)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4960	(-0.0300)
Sample #2 =	1.4860	(-0.0200)
Sample #3 =	1.4800	(-0.0070)
Sample #4 =	1.4940	(-0.0070)

Avg % Abs = 1.4867 (-0.0113)
STD DEV = 0.0070 (0.0075)
REL STD DEV = 0.472 (66.225)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12693, 9um Io = 14248

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8590	(0.0000)
Sample #2 =	1.8290	(0.0500)
Sample #3 =	1.8330	(0.0590)
Sample #4 =	1.8300	(0.0340)

Avg % Abs = 1.8307 (0.0477)
STD DEV = 0.0021 (0.0127)
REL STD DEV = 0.114 (26.564)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6370	(-0.0140)
Sample #2 =	3.6000	(0.0210)
Sample #3 =	3.6120	(0.0160)
Sample #4 =	3.6000	(0.0210)

Avg % Abs = 3.6040 (0.0193)
STD DEV = 0.0069 (0.0029)
REL STD DEV = 0.192 (14.931)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12684, 9um Io = 14246

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4710	(-0.0130)
Sample #2 =	3.4680	(0.0180)
Sample #3 =	3.4540	(0.0140)
Sample #4 =	3.4680	(0.0400)

Avg % Abs = 3.4633 (0.0240)
STD DEV = 0.0081 (0.0140)
REL STD DEV = 0.233 (58.333)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8590	(0.0060)
Sample #2 =	6.8320	(0.0490)
Sample #3 =	6.8510	(0.0350)
Sample #4 =	6.8460	(0.0510)

Avg % Abs = 6.8430 (0.0450)
STD DEV = 0.0098 (0.0087)
REL STD DEV = 0.144 (19.373)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12679, 9um Io = 14242

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.0900	(-0.0110)
Sample #2 =	5.1060	(0.0200)
Sample #3 =	5.1020	(0.0000)
Sample #4 =	5.0940	(0.0400)

Avg % Abs = 5.1007 (0.0200)
STD DEV = 0.0061 (0.0200)
REL STD DEV = 0.120 (100.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9760	(0.0050)
Sample #2 =	9.9610	(0.0510)
Sample #3 =	9.9520	(0.0500)
Sample #4 =	9.9520	(0.0670)

Avg % Abs = 9.9550 (0.0560)
STD DEV = 0.0052 (0.0095)
REL STD DEV = 0.052 (17.035)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.082
Std Dev = 0.00 Rel Std Dev = 3.08
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.753
Std Dev = 0.02 Rel Std Dev = 2.16
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.831
Std Dev = 0.00 Rel Std Dev = 0.11
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.463
Std Dev = 0.01 Rel Std Dev = 0.23
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.101
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -201.39
First Order Coef = 2697.86
Second Order Coef = 28.35
Standard Deviation = 51.833088

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.090
Std Dev = 0.01 Rel Std Dev = 13.47
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.487
Std Dev = 0.01 Rel Std Dev = 0.47
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.604
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.843
Std Dev = 0.01 Rel Std Dev = 0.14
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.955
Std Dev = 0.01 Rel Std Dev = 0.05
Zero Order Coef = -107.80
First Order Coef = 1312.61
Second Order Coef = 13.44
Standard Deviation = 26.416252

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0004
0.040	0.039	0.0012
0.100	0.101	-0.0015
0.200	0.199	0.0009
0.300	0.300	-0.0002

10/6/17

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0002
0.040	0.039	0.0007
0.100	0.101	-0.0007
0.200	0.200	0.0004
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 = 3344.00
Sample #2 = 3339.00
Sample #3 = 3257.00
Sample #4 = 3223.00
Average Result = 3273.0000
STD DEV = 59.6322
REL STD DEV = 1.822
****
***** CHANNEL 2
Sample #1 = 3530.00
Sample #2 = 3512.00
Sample #3 = 3490.00
Sample #4 = 3458.00
Average Result = 3486.6667
STD DEV = 27.1539
REL STD DEV = 0.779
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 536
9 um H2O Adjust (mg/l*10,000) = 323
**** AUTO CAL PASS

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/05/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:34
Control Test	0.049	11:34
Air Blank	0.000	11:35
Control Test	0.049	11:36
Air Blank	0.000	11:36
Control Test	0.049	11:37
Air Blank	0.000	11:37

Control Test Stats

Average	0.0490
Std Dev	0.0000
Rel Std Dev(%)	0.0000

P Murphy
Operator's Signature

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/05/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:38
Control Test	0.080	11:39
Air Blank	0.000	11:40
Control Test	0.081	11:40
Air Blank	0.000	11:41
Control Test	0.082	11:42
Air Blank	0.000	11:42

Control Test Stats

Average	0.0810
Std Dev	0.0010
Rel Std Dev(%)	1.2346

P Murphy
Operator's Signature

Post-stability tests

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/05/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:44
Control Test	0.198	11:44
Air Blank	0.000	11:45
Control Test	0.200	11:46
Air Blank	0.000	11:46
Control Test	0.200	11:47
Air Blank	0.000	11:47

Control Test Stats

Average	0.1993
Std Dev	0.0012
Rel Std Dev(%)	0.5793

P Murphy
Operator's Signature

BAY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001308
10/05/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:49
Control Test	0.080	11:49
Air Blank	0.000	11:50
Control Test	0.080	11:50
Air Blank	0.000	11:50
Control Test	0.080	11:51
Air Blank	0.000	11:51

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DGS

P Murphy
Operator's Signature

10/6/17