INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Okaloosa County S/N 80-005057

Date In 12/5/17 DI Completion Date 12/8/17 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By

- ☑ 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

DEC 11 2017

Alcohol Testing Program

Quality Checks Performed By

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 154
- ☒ Flow Verification (L/s)

Flow Column # ATP105

32 mm	.144	(.139 - .169)
36 mm	.165	(.156 - .190)
53 mm	.242	(.228 - .278)
103 mm	.519	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28421

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	G2835	201707D 7/25/19
0.080	DR1279	201707E 7/25/19
0.200	SD1025	201707C 7/24/19
0.080 DGS	N/A	AG715202 6/1/19

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

- ☒ Lab Temp °C 22.2

External Digital Therm. ID#: 300505

- ☒ 34°C +-.2 Serial #: G2835
- ☒ 34°C +-.2 Serial #: DR1279
- ☒ 34°C +-.2 Serial #: SD1025

Calibration Adjustment Performed By

Barometric Pressure Gauge 1011 ID # 30293

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1024	16320	10/21/18
0.100	G2834	17280	9/11/19
0.200	SD1011	17090	2/24/19
0.300	DR1275	16410	12/19/18
0.080 DGS	N/A	1781708DA2	8/5/19

- ☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	G2835	201707D	7/25/19
0.080	DR1279	201707E	7/25/19
0.200	SD1025	201707C	7/24/19
0.080 DGS	N/A	AG715202	6/1/19

Department Inspection Performed By

Barometric Pressure ID# 28421

Gauge 1010 Instrument 1012

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	G2880
Interferent	G2840
0.050	G2835
0.080	DR1279
0.200	SD1025

Attachments

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

Notes/Suggested Service: _____

PERFORMED CALIBRATION ADJUST TO BRING BAROMETRIC READINGS 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**

SP 12/11/17 — Tech Review / Date

12/11/17 — Admin Review / Date

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:00
Control Test	0.049	08:01
Air Blank	0.000	08:01
Control Test	0.049	08:02
Air Blank	0.000	08:03
Control Test	0.050	08:03
Air Blank	0.000	08:04

Control Test Stats

Average	0.0493
Std Dev	0.0006
Rel Std Dev(%)	1.1703

P Murphy
Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:11
Control Test	0.080	08:12
Air Blank	0.000	08:13
Control Test	0.080	08:13
Air Blank	0.000	08:14
Control Test	0.080	08:14
Air Blank	0.000	08:15

Control Test Stats

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

P Murphy
Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:06
Control Test	0.198	08:07
Air Blank	0.000	08:07
Control Test	0.199	08:08
Air Blank	0.000	08:08
Control Test	0.198	08:09
Air Blank	0.000	08:09

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

P Murphy
Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:31
Control Test	0.081	08:32
Air Blank	0.000	08:32
Control Test	0.081	08:32
Air Blank	0.000	08:33
Control Test	0.081	08:33
Air Blank	0.000	08:34

Control Test Stats

Average	0.0810
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DGS

P Murphy
Operator's Signature

SP

12/11/17
DG

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017 08:46:35

Auto Calibration
Max Power Res Value = 30
Auto Range Res Value = 16

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12532, 9um Io = 12698

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0460	(-0.0230)
Sample #2 =	0.0280	(0.0270)
Sample #3 =	0.0420	(0.0450)
Sample #4 =	0.0670	(0.0520)

Avg % Abs = 0.0457 (0.0413)
STD DEV = 0.0198 (0.0129)
REL STD DEV = 43.263 (31.202)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1220	(-0.0200)
Sample #2 =	0.1010	(0.0060)
Sample #3 =	0.1230	(0.0000)
Sample #4 =	0.1390	(0.0100)

Avg % Abs = 0.1210 (0.0053)
STD DEV = 0.0191 (0.0050)
REL STD DEV = 15.768 (94.373)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12521, 9um Io = 12695

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7740	(0.0000)
Sample #2 =	0.7190	(0.0330)
Sample #3 =	0.7710	(0.0270)
Sample #4 =	0.7420	(0.0400)

Avg % Abs = 0.7440 (0.0333)
STD DEV = 0.0261 (0.0065)
REL STD DEV = 3.502 (19.519)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4970	(-0.0150)
Sample #2 =	1.4940	(0.0100)
Sample #3 =	1.4940	(0.0120)
Sample #4 =	1.4930	(0.0030)

Avg % Abs = 1.4937 (0.0083)
STD DEV = 0.0006 (0.0047)
REL STD DEV = 0.039 (56.710)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12513, 9um Io = 12692

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8160	(-0.0020)
Sample #2 =	1.8290	(-0.0020)
Sample #3 =	1.8020	(0.0120)
Sample #4 =	1.8410	(0.0050)

Avg % Abs = 1.8240 (0.0050)
STD DEV = 0.0200 (0.0070)
REL STD DEV = 1.095 (140.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5320	(-0.0010)
Sample #2 =	3.5570	(-0.0120)
Sample #3 =	3.5210	(0.0000)
Sample #4 =	3.5650	(-0.0040)

Avg % Abs = 3.5477 (-0.0053)
STD DEV = 0.0234 (0.0061)
REL STD DEV = 0.661 (114.564)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12511, 9um Io = 12691

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5380	(-0.0060)
Sample #2 =	3.5300	(0.0200)
Sample #3 =	3.5540	(0.0340)
Sample #4 =	3.5380	(0.0340)

Avg % Abs = 3.5407 (0.0293)
STD DEV = 0.0122 (0.0081)
REL STD DEV = 0.345 (27.555)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7230	(-0.0050)
Sample #2 =	6.7970	(0.0150)
Sample #3 =	6.8340	(-0.0060)
Sample #4 =	6.8170	(0.0080)

Avg % Abs = 6.8160 (0.0057)
STD DEV = 0.0185 (0.0107)
REL STD DEV = 0.272 (188.694)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12506, 9um Io = 12689

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1930	(-0.0040)
Sample #2 =	5.2490	(-0.0120)
Sample #3 =	5.2070	(0.0160)
Sample #4 =	5.2560	(-0.0030)

Avg % Abs = 5.2373 (0.0003)
STD DEV = 0.0265 (0.0143)
REL STD DEV = 0.506 (4288.356)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8270	(-0.0060)
Sample #2 =	9.9140	(-0.0110)
Sample #3 =	9.8950	(0.0030)
Sample #4 =	9.9160	(-0.0130)

Avg % Abs = 9.9083 (-0.0070)
STD DEV = 0.0116 (0.0087)
REL STD DEV = 0.117 (124.540)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.046
Std Dev = 0.02 Rel Std Dev = 43.26
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.744
Std Dev = 0.03 Rel Std Dev = 3.50
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.824
Std Dev = 0.02 Rel Std Dev = 1.10
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.541
Std Dev = 0.01 Rel Std Dev = 0.35
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.237
Std Dev = 0.03 Rel Std Dev = 0.51
Zero Order Coef = -108.66
First Order Coef = 2651.12
Second Order Coef = 18.67
Standard Deviation = 22.231617

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.121
Std Dev = 0.02 Rel Std Dev = 15.77
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.494
Std Dev = 0.00 Rel Std Dev = 0.04
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.548
Std Dev = 0.02 Rel Std Dev = 0.66
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.816
Std Dev = 0.02 Rel Std Dev = 0.27
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.908
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -147.92
First Order Coef = 1343.14
Second Order Coef = 11.40
Standard Deviation = 14.682058

SP

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0003
0.040	0.039	0.0006
0.100	0.101	-0.0006
0.200	0.200	0.0002
0.300	0.300	-0.0001

12/11/17
SP

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	0.0004
0.100	0.100	0.0000
0.200	0.200	-0.0003
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 = 3593.00
Sample #2 = 3590.00
Sample #3 = 3537.00
Sample #4 = 3642.00
Average Result = 3589.6667
STD DEV = 52.5008
REL STD DEV = 1.463
****
***** CHANNEL 2
Sample #1 = 3518.00
Sample #2 = 3497.00
Sample #3 = 3485.00
Sample #4 = 3496.00
Average Result = 3492.6667
STD DEV = 6.6583
REL STD DEV = 0.191
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1011
3 um H2O Adjust (mg/l*10,000) = 220
9 um H2O Adjust (mg/l*10,000) = 317
**** AUTO CAL PASS

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:37
Control Test	0.049	09:38
Air Blank	0.000	09:38
Control Test	0.049	09:39
Air Blank	0.000	09:40
Control Test	0.050	09:40
Air Blank	0.000	09:41

Control Test Stats

Average	0.0493
Std Dev	0.0006
Rel Std Dev(%)	1.1703

Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.081	09:43
Air Blank	0.000	09:44
Control Test	0.080	09:44
Air Blank	0.000	09:45
Control Test	0.080	09:46
Air Blank	0.000	09:46

Control Test Stats

Average	0.0803
Std Dev	0.0006
Rel Std Dev(%)	0.7187

Operator's Signature

Post Calibration
Adjust Stabilities

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:47
Control Test	0.200	09:48
Air Blank	0.000	09:49
Control Test	0.200	09:49
Air Blank	0.000	09:50
Control Test	0.200	09:51
Air Blank	0.000	09:51

Control Test Stats

Average	0.2000
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005057
12/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:53
Control Test	0.080	09:54
Air Blank	0.000	09:54
Control Test	0.079	09:54
Air Blank	0.000	09:55
Control Test	0.079	09:55
Air Blank	0.000	09:56

Control Test Stats

Average	0.0793
Std Dev	0.0006
Rel Std Dev(%)	0.7277

DGS

SP

Operator's Signature

12/11/17
JO