FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Wakulla County SO S/N 80-000962

Date In 7/27/17 Date Out 9/5/2017 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

Intake Performed By (initials)
- ☐ Registration
- ☒ Annual
- ☐ Return from CMI
- ☐ Return from Enforcement Electronics
- ☐ Other

Visual Inspection:
- ✓ Case
- ✓ Handle
- ✓ Dry Gas Holder
- ✓ Feet
- ✓ Keyboard/Plug
- ✓ Back/Plugs
- ✓ Screws tight
- ✓ Breath Hose

Other Equipment:
- ☐ Power cord
- ☐ Printer Cable
- ☐ Other

Notes:

Quality Checks Performed By PJM
- ☒ Lab Temp °C 22.5
- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 163
- ☒ Flow Verification (L/s)

Flow Column # ATP102

32mm	.148	(.139 - .169)
36mm	.167	(.156 - .190)
53mm	.242	(.228 - .278)
103mm	.511	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28421

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	G2078	201707D 7/25/19
0.08	G8149	201707E 7/25/19
0.20	G11621	201707C 7/24/19
0.08 DGS	N/A	AG619605 7/14/18

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)

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Maintenance Performed By
- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other

Quality Checks Cont. Performed By PJM
Simulator Temperatures °C

External Digital Therm. ID#: 300505

- ☒ 34°C +-.2 Serial #: G2078
- ☒ 34°C +-.2 Serial #: G8149
- ☒ 34°C +-.2 Serial #: G11621

Calibration Adjustment Performed By PJM
- ☐ Calibration Adjustment N/A
- ☒ Calibration Adjustment Complete

Barometric Pressure Gauge 1013 ID # 28427

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	PJM ~~245150803~~ 288140803	~~10/5/17~~ 4/5/17 PJM

- ☒ 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	AG619605	7/14/18

Department Inspection Performed By PJM
- ☒ Barometric Pressure 1013 Gauge

ID# 28421 1013 Instrument

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	G2879
Interferent	G8144
0.05	G2078
0.08	G8149
0.20	G11621

Attachments
- ☒ Form 41
- ☒ Pre-Stability Tests
- ☐ Flow Calibration
- ☒ Calibration Adjustment
- ☒ Post-Stability Tests
- ☒ Other FORM 40

Notes/Suggested Service:

QA/QC OK SP

(signature) 9/14/17

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**

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
08/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:29
Control Test	0.050	10:30
Air Blank	0.000	10:30
Control Test	0.050	10:31
Air Blank	0.000	10:31
Control Test	0.050	10:32
Air Blank	0.000	10:33

Control Test Stats

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

P Murphy
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
08/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:41
Control Test	0.082	10:41
Air Blank	0.000	10:42
Control Test	0.082	10:42
Air Blank	0.000	10:43
Control Test	0.082	10:44
Air Blank	0.000	10:44

Control Test Stats

Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
08/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:34
Control Test	0.202	10:35
Air Blank	0.000	10:36
Control Test	0.201	10:36
Air Blank	0.000	10:37
Control Test	0.202	10:37
Air Blank	0.000	10:38

Control Test Stats

Average	0.2017	
Std Dev	0.0006	
Rel Std Dev(%)	0.2863	

P Murphy
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
08/18/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:47
Control Test	0.079	10:47
Air Blank	0.000	10:47
Control Test	0.078	10:48
Air Blank	0.000	10:48
Control Test	0.079	10:49
Air Blank	0.000	10:49

Control Test Stats

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

DGS

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WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
09/01/2017 13:46:38

Auto Calibration
Max Power Res Value = 43
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12658, 9um Io = 14228

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0730	(-0.0100)
Sample #2 =	0.0920	(0.0100)
Sample #3 =	0.0810	(0.0530)
Sample #4 =	0.0970	(0.0650)

Avg % Abs = 0.0900 (0.0427)
STD DEV = 0.0082 (0.0289)
REL STD DEV = 9.095 (67.780)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1050	(-0.0210)
Sample #2 =	0.1060	(-0.0150)
Sample #3 =	0.1110	(-0.0060)
Sample #4 =	0.0900	(0.0030)

Avg % Abs = 0.1023 (-0.0060)
STD DEV = 0.0110 (0.0090)
REL STD DEV = 10.720 (150.000)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12646, 9um Io = 14226

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7650	(-0.0140)
Sample #2 =	0.7440	(0.0070)
Sample #3 =	0.7150	(0.0360)
Sample #4 =	0.7380	(0.0260)

Avg % Abs = 0.7323 (0.0230)
STD DEV = 0.0153 (0.0147)
REL STD DEV = 2.090 (64.047)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4970	(0.0000)
Sample #2 =	1.5040	(0.0000)
Sample #3 =	1.5010	(0.0100)
Sample #4 =	1.4810	(0.0160)

Avg % Abs = 1.4953 (0.0087)
STD DEV = 0.0125 (0.0081)
REL STD DEV = 0.836 (93.264)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12641, 9um Io = 14220

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7480	(-0.0080)
Sample #2 =	1.7430	(0.0260)
Sample #3 =	1.7340	(0.0380)
Sample #4 =	1.7330	(0.0540)

Avg % Abs = 1.7367 (0.0393)
STD DEV = 0.0055 (0.0140)
REL STD DEV = 0.317 (35.714)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5730	(-0.0220)
Sample #2 =	3.5790	(0.0000)
Sample #3 =	3.5900	(0.0000)
Sample #4 =	3.5980	(-0.0050)

Avg % Abs = 3.5890 (-0.0017)
STD DEV = 0.0095 (0.0029)
REL STD DEV = 0.266 (173.205)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12635, 9um Io = 14219

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.3180	(-0.0100)
Sample #2 =	3.3190	(0.0130)
Sample #3 =	3.3420	(0.0130)
Sample #4 =	3.3090	(0.0320)

Avg % Abs = 3.3233 (0.0193)
STD DEV = 0.0169 (0.0110)
REL STD DEV = 0.509 (56.740)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7800	(-0.0080)
Sample #2 =	6.8150	(0.0170)
Sample #3 =	6.8130	(0.0080)
Sample #4 =	6.8000	(0.0070)

Avg % Abs = 6.8093 (0.0107)
STD DEV = 0.0081 (0.0055)
REL STD DEV = 0.120 (51.633)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12629, 9um Io = 14216

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.8610	(-0.0190)
Sample #2 =	4.8550	(-0.0170)
Sample #3 =	4.8510	(0.0020)
Sample #4 =	4.8450	(-0.0070)

Avg % Abs = 4.8503 (-0.0073)
STD DEV = 0.0050 (0.0095)
REL STD DEV = 0.104 (129.605)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9150	(-0.0160)
Sample #2 =	9.9230	(0.0020)
Sample #3 =	9.9020	(0.0020)
Sample #4 =	9.8970	(0.0000)

Avg % Abs = 9.9073 (0.0013)
STD DEV = 0.0138 (0.0012)
REL STD DEV = 0.139 (86.603)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.090
Std Dev = 0.01 Rel Std Dev = 9.09
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.732
Std Dev = 0.02 Rel Std Dev = 2.09
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.737
Std Dev = 0.01 Rel Std Dev = 0.32
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.323
Std Dev = 0.02 Rel Std Dev = 0.51
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.850
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -226.01
First Order Coef = 2819.18
Second Order Coef = 35.37
Standard Deviation = 28.988522

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.102
Std Dev = 0.01 Rel Std Dev = 10.72
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.495
Std Dev = 0.01 Rel Std Dev = 0.84
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.589
Std Dev = 0.01 Rel Std Dev = 0.27
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.809
Std Dev = 0.01 Rel Std Dev = 0.12
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.907
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -129.33
First Order Coef = 1324.36
Second Order Coef = 13.24
Standard Deviation = 23.204020

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0006
0.040	0.039	0.0010
0.100	0.100	-0.0003
0.200	0.200	-0.0002
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0001
0.040	0.039	0.0005
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 = 3067.00
Sample #2 = 3094.00
Sample #3 = 2949.00
Sample #4 = 2953.00
Average Result = 2998.6667
STD DEV = 82.5853
REL STD DEV = 2.754
****
***** CHANNEL 2
Sample #1 = 3353.00
Sample #2 = 3334.00
Sample #3 = 3315.00
Sample #4 = 3287.00
Average Result = 3312.0000
STD DEV = 23.6432
REL STD DEV = 0.714
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1013
3 um H2O Adjust (mg/l*10,000) = 811
9 um H2O Adjust (mg/l*10,000) = 497
**** AUTO CAL PASS

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WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
09/01/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:38
Control Test	0.049	14:38
Air Blank	0.000	14:39
Control Test	0.049	14:40
Air Blank	0.000	14:40
Control Test	0.050	14:41
Air Blank	0.000	14:41

Control Test Stats
Average 0.0493
Std Dev 0.0006
Rel Std Dev(%) 1.1703

P Murphy
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
09/01/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:43
Control Test	0.080	14:44
Air Blank	0.000	14:45
Control Test	0.080	14:45
Air Blank	0.000	14:46
Control Test	0.081	14:46
Air Blank	0.000	14:47

Control Test Stats
Average 0.0803
Std Dev 0.0006
Rel Std Dev(%) 0.7187

P Murphy
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
09/01/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:48
Control Test	0.196	14:49
Air Blank	0.000	14:50
Control Test	0.197	14:50
Air Blank	0.000	14:51
Control Test	0.198	14:52
Air Blank	0.000	14:52

Control Test Stats
Average 0.1970
Std Dev 0.0010
Rel Std Dev(%) 0.5076

P Murphy
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000962
09/01/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:53
Control Test	0.082	14:54
Air Blank	0.000	14:54
Control Test	0.082	14:54
Air Blank	0.000	14:55
Control Test	0.081	14:55
Air Blank	0.000	14:56

Control Test Stats
Average 0.0817
Std Dev 0.0006
Rel Std Dev(%) 0.7070

P Murphy
Operator's Signature

Post calibration - Adjust stabilities

SP

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JEZ