



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

NOV 21 2017

Agency Columbia CountyS/N 80-000777Date In 9/28/17Date Out 11/20/17☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>[Signature]</u> ☐ Registration ☒ Annual ☐ Return from CMI ☐ Return from Enforcement Electronics ☐ Other _____ Visual Inspection: <u>OK</u> Case <u>OK</u> Handle <u>OK</u> Dry Gas Holder <u>OK</u> Feet <u>OK</u> Keyboard/Plug <u>OK</u> Back/Plugs <u>OK</u> Screws tight <u>OK</u> Breath Hose Other Equipment: ☐ Power cord ☐ Printer Cable ☒ Other <u>Static Bag</u> Notes: _____ _____ _____ _____		Quality Checks Performed By <u>[Signature]</u> ☒ Lab Temp °C <u>22.3</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>203</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP105</u> 32mm <u>148</u> (.139 - .169) 36mm <u>175</u> (.156 - .190) 53mm <u>240</u> (.228 - .278) 103mm <u>507</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</u> ☒ Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td><u>G2835</u></td> <td><u>201707D</u> <u>7/25/19</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> <td><u>201707E</u> <u>7/25/19</u></td> </tr> <tr> <td>0.20</td> <td><u>SD1025</u></td> <td><u>201707C</u> <u>7/24/19</u></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td><u>AG-619605</u> <u>7/14/18</u></td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.05	<u>G2835</u>	<u>201707D</u> <u>7/25/19</u>	0.08	<u>DR1279</u>	<u>201707E</u> <u>7/25/19</u>	0.20	<u>SD1025</u>	<u>201707C</u> <u>7/24/19</u>	0.08 DGS	N/A	<u>AG-619605</u> <u>7/14/18</u>	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)	
Simulator	Serial #	Lot #/Exp																		
0.05	<u>G2835</u>	<u>201707D</u> <u>7/25/19</u>																		
0.08	<u>DR1279</u>	<u>201707E</u> <u>7/25/19</u>																		
0.20	<u>SD1025</u>	<u>201707C</u> <u>7/24/19</u>																		
0.08 DGS	N/A	<u>AG-619605</u> <u>7/14/18</u>																		
		Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____		Quality Checks Cont. Performed By <u>[Signature]</u> Simulator Temperatures °C External Digital Therm. ID#: <u>300505</u> ☒ 34°C +/- .2 Serial #: <u>G2835</u> ☒ 34°C +/- .2 Serial #: <u>DR1279</u> ☒ 34°C +/- .2 Serial #: <u>SD1025</u>																

Calibration Adjustment Performed By [Signature]
☐ Calibration Adjustment N/A
☒ Calibration Adjustment Complete
 Barometric Pressure Gauge 1020 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	<u>SD1016</u>	N/A	N/A
0.040	<u>SD1624</u>	<u>16320</u>	<u>10/21/18</u>
0.100	<u>G2831</u>	<u>17060</u>	<u>2/14/19</u>
0.200	<u>SD1011</u>	<u>17090</u>	<u>2/24/19</u>
0.300	<u>DR1275</u>	<u>17140</u>	<u>5/15/19</u>
0.080 DGS	N/A	<u>17817080A2</u>	<u>8/5/19</u>

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	<u>G2835</u>	<u>201707D</u>	<u>7/25/19</u>
0.08	<u>DR1279</u>	<u>201707E</u>	<u>7/25/19</u>
0.20	<u>SD1025</u>	<u>201707C</u>	<u>7/24/19</u>
0.08 DGS	N/A	<u>AG-626605</u>	<u>9/22/18</u>

Notes/Suggested Service:

Please change level 2 PW to something more secure.
DA/PCOKGDM 11/20/2017
[Signature] 11/21/17

Quality Control Review

Date

Department Inspection Performed By [Signature]
☒ Barometric Pressure 1020 Gauge
 ID# 28421 1021 Instrument
Mouth Alcohol Solution Lot # 2016-CAcetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	<u>G2830</u>
Interferent	<u>G2840</u>
0.05	<u>G2835</u>
0.08	<u>DR1279</u>
0.20	<u>SD1025</u>

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

INTOXILYZER 8000
Instrument Initialization
06:52 10/11/2017

80-000777
Stability checks
10/11/17

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
10/11/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:26
Control Test	0.080	07:27
Air Blank	0.000	07:27
Control Test	0.079	07:27
Air Blank	0.000	07:28
Control Test	0.080	07:28
Air Blank	0.000	07:29
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

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Operator's Signature

11/21/17
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COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
10/11/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:30
Control Test	0.076	07:31
Air Blank	0.000	07:31
Control Test	0.075	07:32
Air Blank	0.000	07:33
Control Test	0.076	07:33
Air Blank	0.000	07:34
Control Test Stats		
Average	0.0757	
Std Dev	0.0006	
Rel Std Dev(%)	0.7630	

Operator's Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
10/11/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:38
Control Test	0.048	07:39
Air Blank	0.000	07:40
Control Test	0.046	07:40
Air Blank	0.000	07:41
Control Test	0.047	07:42
Air Blank	0.000	07:42
Control Test Stats		
Average	0.0470	
Std Dev	0.0010	
Rel Std Dev(%)	2.1277	

Operator's Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
10/11/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:43
Control Test	0.197	07:44
Air Blank	0.000	07:45
Control Test	0.197	07:45
Air Blank	0.000	07:46
Control Test	0.196	07:47
Air Blank	0.000	07:47
Control Test Stats		
Average	0.1967	
Std Dev	0.0006	
Rel Std Dev(%)	0.2936	

Operator's Signature

80-000777
Optical Bench Cal Adj 54
11/20/17

INTOXILYZER 8000
Instrument Initialization
08:06 11/20/2017

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
SN 80-000777
11/20/2017 08:38:46

Auto Calibration
Max Power Res Value = 59
Auto Range Res Value = 52
Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12763, Sum Io = 13240

***** CHANNEL 1 *****
Sol Value = 0.0990
Fit value = 0.0990
Samples Taken = 4, Discarded = 1
Sum Io = 12729, Sum Io = 13216
REL STD DEV = 0.833 (192.235)

***** CHANNEL 2 *****
Sol Value = 0.0260
Fit value = 0.0260
Samples Taken = 4, Discarded = 1
Sum Io = 12729, Sum Io = 13216
REL STD DEV = 0.407 (45.129)

11/20/17
22

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12741, Sum Io = 13221
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.7680 (-0.0150)
Sample #2 = 0.7740 (-0.0130)
Sample #3 = 0.7630 (-0.0060)
Sample #4 = 0.7740 (-0.0570)
Avg % Abs = 0.7703 (0.0167)
STD DEV = 0.0064 (0.0362)
REL STD DEV = 0.824 (217.191)

***** CHANNEL 2 *****
Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12706, Sum Io = 13201
REL STD DEV = 0.076 (242.487)

***** CHANNEL 1 *****
Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12729, Sum Io = 13216
REL STD DEV = 0.0260 (0.0083)

***** CHANNEL 2 *****
Sol Value = 0.0260
Fit value = 0.0260
Samples Taken = 4, Discarded = 1
Sum Io = 12729, Sum Io = 13216
REL STD DEV = 0.407 (45.129)

***** AUTO CAL DATA *****
***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.092
Std Dev = 0.03 Rel Std Dev = 28.91
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.770
Std Dev = 0.01 Rel Std Dev = 0.82
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.827
Std Dev = 0.03 Rel Std Dev = 1.42
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.506
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.112
Std Dev = 0.02 Rel Std Dev = 0.41
Zero Order Coef = -215.96
First Order Coef = 2669.61
Second Order Coef = 32.39
Standard Deviation = 28.596623

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.174
Std Dev = 0.01 Rel Std Dev = 5.01
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.460
Std Dev = 0.01 Rel Std Dev = 0.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.424
Std Dev = 0.03 Rel Std Dev = 0.92
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.503
Std Dev = 0.00 Rel Std Dev = 0.08
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.371
Std Dev = 0.04 Rel Std Dev = 0.41
Zero Order Coef = -214.61
First Order Coef = 1399.63
Second Order Coef = 15.64
Standard Deviation = 29.142042

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.001 -0.0006
0.040 0.039 -0.0009
0.100 0.100 -0.0001
0.200 0.200 -0.0004
0.300 0.300 0.0002

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.001 -0.0006
0.040 0.039 0.0009
0.100 0.100 0.0000
0.200 0.201 -0.0005
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 = 3191.00
Sample #2 = 3194.00
Sample #3 = 3259.00
Sample #4 = 3292.00
Average Result = 3248.3333
STD DEV = 49.8631
REL STD DEV = 1.535
***** CHANNEL 2 *****
Sample #1 = 3229.00
Sample #2 = 3261.00
Sample #3 = 3249.00
Sample #4 = 3297.00
Average Result = 3269.0000
STD DEV = 24.9800
REL STD DEV = 0.764

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1020
3 um H2O Adjust (mg/l*10,000) = 561
9 um H2O Adjust (mg/l*10,000) = 540
***** AUTO CAL PASS

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
11/20/2017 08:38:46

80-000777
Cal adjust
Cont: 11/20/17
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Auto Calibration

pg 1 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.0990	(-0.0370)	0.2020	(-0.0290)	
Sample #2	0.1220	(0.0190)	0.1800	(0.0460)	
Sample #3	0.0800	(0.0610)	0.1640	(0.0640)	
Sample #4	0.0730	(0.0830)	0.1780	(0.0750)	
Avg % Abs	0.0917	(0.0543)	0.1740	(0.0617)	
STD DEV	0.0265	(0.0325)	0.0087	(0.0146)	
REL STD DEV	28.911	(59.847)	5.010	(23.741)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.7680	(-0.0150)	1.4350	(-0.0190)	
Sample #2	0.7740	(-0.0130)	1.4660	(-0.0250)	
Sample #3	0.7630	(0.0060)	1.4460	(-0.0150)	
Sample #4	0.7740	(0.0570)	1.4680	(0.0110)	
Avg % Abs	0.7703	(0.0167)	1.4600	(-0.0097)	
STD DEV	0.0064	(0.0362)	0.0122	(0.0186)	
REL STD DEV	0.824	(217.191)	0.833	(192.239)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.7900	(-0.0070)	3.3700	(-0.0030)	
Sample #2	1.8000	(0.0140)	3.3890	(0.0070)	
Sample #3	1.8520	(0.0020)	3.4330	(-0.0130)	
Sample #4	1.8280	(0.0180)	3.4500	(-0.0080)	
Avg % Abs	1.8267	(0.0113)	3.4240	(-0.0047)	
STD DEV	0.0260	(0.0083)	0.0315	(0.0104)	
REL STD DEV	1.425	(73.471)	0.919	(223.036)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.5000	(-0.0170)	6.4620	(0.0040)	
Sample #2	3.5140	(0.0020)	6.4970	(-0.0020)	
Sample #3	3.5080	(-0.0070)	6.5060	(-0.0020)	
Sample #4	3.4950	(0.0270)	6.5050	(0.0190)	
Avg % Abs	3.5057	(0.0073)	6.5027	(0.0050)	
STD DEV	0.0097	(0.0176)	0.0049	(0.0121)	
REL STD DEV	0.277	(240.222)	0.076	(242.487)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.0780	(-0.0490)	9.2650	(-0.0090)	
Sample #2	5.1010	(0.0220)	9.3330	(0.0110)	
Sample #3	5.0990	(0.0080)	9.3690	(-0.0020)	
Sample #4	5.1360	(0.0190)	9.4100	(-0.0130)	
Avg % Abs	5.1120	(0.0163)	9.3707	(-0.0013)	
STD DEV	0.0208	(0.0074)	0.0385	(0.0120)	
REL STD DEV	0.407	(45.129)	0.411	(901.041)	

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11/21/17
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COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
11/20/2017 08:38:46

80-000777
cal adjust (cont)
11/20/17

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -215.96
First Order Coef 2669.61
Second Order Coef 32.39

<<<< 9um >>>>

Zero Order Coef -214.61
First Order Coef 1399.63
Second Order Coef 15.64

Act Fit Residual
(g/210L) (g/210L) (g/210L)
0.000 0.001 -0.0006
0.040 0.039 0.0009
0.100 0.100 -0.0001
0.200 0.200 -0.0004
0.300 0.300 0.0002

Act Fit Residual
(g/210L) (g/210L) (g/210L)
0.000 0.001 -0.0006
0.040 0.039 0.0009
0.100 0.100 0.0000
0.200 0.201 -0.0005
0.300 0.300 0.0002

<<<< 3um >>>>

<<<< 9um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample

Sample #1	3191.00	3229.00
Sample #2	3194.00	3261.00
Sample #3	3259.00	3249.00
Sample #4	3292.00	3297.00
Avg	3248.3333	3269.0000
STD DEV	49.8631	24.9800
REL STD DEV	1.535	0.764
H2O adjust (mg/l*10k)	561	540

Barometric Pressure = 1020

*****CALIBRATION SUCCESSFUL*****

Edgar

11/21/17
JA

80-000777
Post Cal Adjust
Stability Checks
11/20/17

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
11/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:31
Control Test	0.079	09:31
Air Blank	0.000	09:31
Control Test	0.079	09:32
Air Blank	0.000	09:32
Control Test	0.078	09:33
Air Blank	0.000	09:33
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS

Operator Signature

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11/21/17
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COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
11/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:36
Control Test	0.051	09:36
Air Blank	0.000	09:37
Control Test	0.050	09:37
Air Blank	0.000	09:38
Control Test	0.050	09:39
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

Operator Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
11/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.079	09:46
Air Blank	0.000	09:47
Control Test	0.080	09:48
Air Blank	0.000	09:48
Control Test	0.079	09:49
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

COLUMBIA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000777
11/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:52
Control Test	0.198	09:53
Air Blank	0.000	09:53
Control Test	0.199	09:54
Air Blank	0.000	09:55
Control Test	0.199	09:55
Air Blank	0.000	09:56
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

Operator Signature