



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Sarasota CountyS/N 80-001344Date In 3/10/17Date Out 3/22/18☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ RefRECEIVED
APR 03 2017

Intake Performed By <u>SP</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>SP</u> ☒ Breath Tube Screen ☒ Replace O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>219</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP102</u> 32mm <u>.156</u> (.139 - .169) 36mm <u>.171</u> (.156 - .190) 53mm <u>.242</u> (.228 - .278) 103mm <u>.511</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28427</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>G3709</u></td> <td><u>201603D</u> <u>3-8-18</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u> <u>SD39424</u></td> <td><u>201601F</u> <u>1-26-18</u></td> </tr> <tr> <td>0.20</td> <td><u>DR3856</u></td> <td><u>201604C</u> <u>4-5-18</u></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td><u>AG626605</u> <u>9-22-18</u></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.05	<u>G3709</u>	<u>201603D</u> <u>3-8-18</u>	0.08	<u>DR1279</u> <u>SD39424</u>	<u>201601F</u> <u>1-26-18</u>	0.20	<u>DR3856</u>	<u>201604C</u> <u>4-5-18</u>	0.08 DGS	N/A	<u>AG626605</u> <u>9-22-18</u>	Flow Calibration Performed By <u>SP</u> ☒ 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 _____ Suggested Service _____ _____ _____
Simulator	Serial #	Lot #/Exp															
0.05	<u>G3709</u>	<u>201603D</u> <u>3-8-18</u>															
0.08	<u>DR1279</u> <u>SD39424</u>	<u>201601F</u> <u>1-26-18</u>															
0.20	<u>DR3856</u>	<u>201604C</u> <u>4-5-18</u>															
0.08 DGS	N/A	<u>AG626605</u> <u>9-22-18</u>															

Optical Bench Calibration Performed By <u>SP</u> ☐ Optical Bench Calibration N/A ☒ Optical Bench Calibration Complete Barometric Pressure Gauge <u>1012</u> ID # <u>28421</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td><u>SD1012</u></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td><u>SD1024</u></td> <td><u>15108</u></td> <td><u>8-8-17</u></td> </tr> <tr> <td>0.100</td> <td><u>SD1022</u></td> <td><u>15001</u></td> <td><u>5-20-17</u></td> </tr> <tr> <td>0.200</td> <td><u>DR3855</u></td> <td><u>15104</u></td> <td><u>5-27-17</u></td> </tr> <tr> <td>0.400</td> <td><u>G2407</u></td> <td><u>15105</u></td> <td><u>6-10-17</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>15615080A2</u></td> <td><u>7-5-17</u></td> </tr> </tbody> </table> ☒ Post Calibration Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td><u>G3709</u></td> <td><u>201603D</u></td> <td><u>3-8-18</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> <td><u>201601F</u></td> <td><u>1-26-18</u></td> </tr> <tr> <td>0.20</td> <td><u>DR3856</u></td> <td><u>201604C</u></td> <td><u>4-5-18</u></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td><u>AG626605</u></td> <td><u>9-22-18</u></td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000	<u>SD1012</u>	N/A	N/A	0.040	<u>SD1024</u>	<u>15108</u>	<u>8-8-17</u>	0.100	<u>SD1022</u>	<u>15001</u>	<u>5-20-17</u>	0.200	<u>DR3855</u>	<u>15104</u>	<u>5-27-17</u>	0.400	<u>G2407</u>	<u>15105</u>	<u>6-10-17</u>	0.080 DGS	N/A	<u>15615080A2</u>	<u>7-5-17</u>	Simulator	Serial Number	Lot Number	Expiration	0.05	<u>G3709</u>	<u>201603D</u>	<u>3-8-18</u>	0.08	<u>DR1279</u>	<u>201601F</u>	<u>1-26-18</u>	0.20	<u>DR3856</u>	<u>201604C</u>	<u>4-5-18</u>	0.08 DGS	N/A	<u>AG626605</u>	<u>9-22-18</u>	Department Inspection Performed By <u>SP</u> ☒ Barometric Pressure ID# <u>28427</u> <u>1013</u> Gauge <u>1012</u> Instrument Mouth Alcohol Solution Lot # <u>2016-A</u> Acetone Stock Solution Lot # <u>2017-A</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td><u>G2880</u></td> </tr> <tr> <td>Interferent</td> <td><u>G2834</u></td> </tr> <tr> <td>0.05</td> <td><u>G3709</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> </tr> <tr> <td>0.20</td> <td><u>DR3856</u></td> </tr> </tbody> </table>	Simulator	Serial Number	0.00	<u>G2880</u>	Interferent	<u>G2834</u>	0.05	<u>G3709</u>	0.08	<u>DR1279</u>	0.20	<u>DR3856</u>
Simulator	Serial Number	Lot Number	Expiration																																																										
0.000	<u>SD1012</u>	N/A	N/A																																																										
0.040	<u>SD1024</u>	<u>15108</u>	<u>8-8-17</u>																																																										
0.100	<u>SD1022</u>	<u>15001</u>	<u>5-20-17</u>																																																										
0.200	<u>DR3855</u>	<u>15104</u>	<u>5-27-17</u>																																																										
0.400	<u>G2407</u>	<u>15105</u>	<u>6-10-17</u>																																																										
0.080 DGS	N/A	<u>15615080A2</u>	<u>7-5-17</u>																																																										
Simulator	Serial Number	Lot Number	Expiration																																																										
0.05	<u>G3709</u>	<u>201603D</u>	<u>3-8-18</u>																																																										
0.08	<u>DR1279</u>	<u>201601F</u>	<u>1-26-18</u>																																																										
0.20	<u>DR3856</u>	<u>201604C</u>	<u>4-5-18</u>																																																										
0.08 DGS	N/A	<u>AG626605</u>	<u>9-22-18</u>																																																										
Simulator	Serial Number																																																												
0.00	<u>G2880</u>																																																												
Interferent	<u>G2834</u>																																																												
0.05	<u>G3709</u>																																																												
0.08	<u>DR1279</u>																																																												
0.20	<u>DR3856</u>																																																												

Attachments ☒ Form 41 ☒ Pre-Stability Tests ☐ Flow Calibration	☒ Optical Bench Cal ☒ Post-Stability Tests ☐ Other _____
---	---

Notes: Please CHANGE LEVEL 2 PASSWORD TO SOMETHING UNIQUE.
-PERFORMED OPTICAL CALIBRATION TO BRING VALUES CLOSER TO NOMINAL SP
QC'S

☒ 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

Brett Kirkland

Quality Control Review

Date

Revised November 2012

STABILITY CHECKS - INSTRUMENT # 80-001344

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001344
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:42
Control Test	0.050	13:43
Air Blank	0.000	13:43
Control Test	0.052	13:44
Air Blank	0.000	13:44
Control Test	0.051	13:45
Air Blank	0.000	13:46
Control Test Stats		
Average	0.0510	
Std Dev	0.0010	
Rel Std Dev(%)	1.9608	

SP

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001344
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:59
Control Test	0.079	14:00
Air Blank	0.000	14:00
Control Test	0.080	14:01
Air Blank	0.000	14:01
Control Test	0.079	14:02
Air Blank	0.000	14:03
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

SP

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001344
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.196	14:13
Air Blank	0.000	14:14
Control Test	0.196	14:14
Air Blank	0.000	14:15
Control Test	0.195	14:15
Air Blank	0.000	14:16
Control Test Stats		
Average	0.1957	
Std Dev	0.0006	
Rel Std Dev(%)	0.2951	

SP

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001344
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:50
Control Test	0.081	13:50
Air Blank	0.000	13:51
Control Test	0.082	13:51
Air Blank	0.000	13:52
Control Test	0.082	13:52
Air Blank	0.000	13:52
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

das

das BK

SP

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001344
03/22/2017 11:32:01

Auto Calibration
Max Power Res Value = 66
Auto Range Res Value = 48

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12684, 9um Io = 13374

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1	-0.0070	(-0.0160)
Sample #2	0.0160	(-0.0200)
Sample #3	0.0320	(-0.0340)
Sample #4	0.0150	(-0.0300)
Avg % Abs	0.0210	(-0.0280)
STD DEV	0.0095	(0.0072)
REL STD DEV	45.426	(25.754)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1	-0.0600	(0.0040)
Sample #2	0.0070	(-0.0590)
Sample #3	0.0040	(-0.0480)
Sample #4	0.0060	(-0.0620)
Avg % Abs	0.0057	(-0.0563)
STD DEV	0.0015	(0.0074)
REL STD DEV	26.956	(13.085)

**** AUTO CAL FAIL

DID NOT ENTER
TARGET VALUE
FOR DRY GAS
STANDARD. HAD TO
RESTART CALIBRATION.

DWS

BK

SARASOTA COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-001344

11:56:29

03/22/2017

Auto Calibration

Max Power Res Value = 66

Auto Range Res Value = 48

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12688, Sum Io = 13384

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0660 (-0.0250)

Sample #2 = 0.0790 (-0.0170)

Sample #3 = 0.0880 (-0.0180)

Sample #4 = 0.0600 (-0.0110)

Avg % Abs = 0.0757 (-0.0153)

STD DEV = 0.0143 (0.0038)

REL STD DEV = 18.891 (24.691)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0660 (-0.0070)

Sample #2 = 0.0690 (-0.0180)

Sample #3 = 0.0830 (-0.0240)

Sample #4 = 0.0690 (-0.0250)

Avg % Abs = 0.0737 (-0.0223)

STD DEV = 0.0081 (0.0038)

REL STD DEV = 10.972 (16.952)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12688, Sum Io = 13386

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.8110 (-0.0210)

Sample #2 = 0.7980 (-0.0160)

Sample #3 = 0.7650 (0.0150)

Sample #4 = 0.7960 (0.0000)

Avg % Abs = 0.7863 (-0.0003)

STD DEV = 0.0185 (0.0155)

REL STD DEV = 2.353 (4650.801)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 1.4720 (-0.0060)

Sample #2 = 1.4980 (-0.0340)

Sample #3 = 1.4510 (-0.0020)

Sample #4 = 1.4580 (-0.0150)

Avg % Abs = 1.4690 (-0.0170)

STD DEV = 0.0254 (0.0161)

REL STD DEV = 1.726 (94.668)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12688, Sum Io = 13385

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 1.8480 (-0.0120)

Sample #2 = 1.8030 (0.0430)

Sample #3 = 1.8240 (0.0360)

Sample #4 = 1.8470 (0.0440)

Avg % Abs = 1.8247 (0.0410)

STD DEV = 0.0220 (0.0044)

REL STD DEV = 1.206 (10.631)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.4840 (-0.0010)

Sample #2 = 3.4570 (0.0430)

Sample #3 = 3.4420 (0.0540)

Sample #4 = 3.4660 (0.0370)

Avg % Abs = 3.4550 (0.0447)

STD DEV = 0.0121 (0.0066)

REL STD DEV = 0.351 (19.302)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12685, Sum Io = 13386

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.5820 (-0.0270)

Sample #2 = 3.5930 (-0.0200)

Sample #3 = 3.5930 (0.0110)

Sample #4 = 3.5840 (-0.0110)

Avg % Abs = 3.5900 (-0.0057)

STD DEV = 0.0052 (0.0159)

REL STD DEV = 0.145 (239.217)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 6.7840 (-0.0160)

Sample #2 = 6.7740 (-0.0210)

Sample #3 = 6.7600 (0.0000)

Sample #4 = 6.7880 (-0.0280)

Avg % Abs = 6.7740 (-0.0163)

STD DEV = 0.0140 (0.0146)

REL STD DEV = 0.207 (89.214)

Sol Value = 0.400 g/210L ***

Fit value = 1.9048 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12687, Sum Io = 13388

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 6.9410 (-0.0320)

Sample #2 = 6.9150 (0.0130)

Sample #3 = 6.9000 (-0.0040)

Sample #4 = 6.9100 (-0.0060)

Avg % Abs = 6.9083 (0.0010)

STD DEV = 0.0076 (0.0104)

REL STD DEV = 0.111 (1044.031)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 12.8340 (-0.0080)

Sample #2 = 12.8430 (0.0010)

Sample #3 = 12.8330 (0.0060)

Sample #4 = 12.8300 (-0.0110)

Avg % Abs = 12.8353 (-0.0013)

STD DEV = 0.0068 (0.0087)

REL STD DEV = 0.053 (655.267)

OPTICAL BENCH
CALIBRATION
INSTRUMENT
#80-001344

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

***** CHANNEL 1 *****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.076

Std Dev = 0.01 Rel Std Dev = 18.89

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.786

Std Dev = 0.02 Rel Std Dev = 2.35

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.825

Std Dev = 0.02 Rel Std Dev = 1.21

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.590

Std Dev = 0.01 Rel Std Dev = 0.14

Sol Val = 1.9048 mg/l or 0.400 g/210L

% Abs = 6.908

Std Dev = 0.01 Rel Std Dev = 0.11

Zero Order Coef = -181.76

First Order Coef = 2641.84

Second Order Coef = 20.35

Standard Deviation = 35.871559

***** CHANNEL 2 *****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.074

Std Dev = 0.01 Rel Std Dev = 10.97

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.469

Std Dev = 0.03 Rel Std Dev = 1.73

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.455

Std Dev = 0.01 Rel Std Dev = 0.35

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.774

Std Dev = 0.01 Rel Std Dev = 0.21

Sol Val = 1.9048 mg/l or 0.400 g/210L

% Abs = 12.835

Std Dev = 0.01 Rel Std Dev = 0.05

Zero Order Coef = -89.56

First Order Coef = 1350.99

Second Order Coef = 10.86

Standard Deviation = 33.971104

Solution Stats Quadratic Fit Chan 1

Act Fit Residual

g/210L g/210L g/210L

0.000 0.000 -0.0004

0.040 0.040 -0.0001

0.100 0.099 0.0012

0.200 0.201 -0.0009

0.400 0.400 0.0002

Solution Stats Quadratic Fit Chan 2

Act Fit Residual

g/210L g/210L g/210L

0.000 0.000 -0.0002

0.040 0.040 -0.0003

0.100 0.099 0.0011

0.200 0.201 -0.0008

0.400 0.400 0.0002

Sol Value = 0.080 g/210L ***

Fit value = 0.3810 mg/l %%%

Samples Taken = 4, Discarded = 1

***** CHANNEL 1 *****

Sample #1 = 3358.00

Sample #2 = 3359.00

Sample #3 = 3281.00

Sample #4 = 3374.00

Average Result = 3338.0070

STD DEV = 49.9300

REL STD DEV = 1.496

***** CHANNEL 2 *****

Sample #1 = 3507.00

Sample #2 = 3504.00

Sample #3 = 3483.00

Sample #4 = 3500.00

Average Result = 3495.6667

STD DEV = 11.1505

REL STD DEV = 0.319

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1015

3 um H2O Adjust (mg/l*10,000) = 471

9 um H2O Adjust (mg/l*10,000) = 314

**** AUTO CAL PASS

POST CALIBRATION STABILITY CHECKS - INSTRUMENT # 80-001344

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:21
Control Test	0.048	10:21
Air Blank	0.000	10:22
Control Test	0.049	10:23
Air Blank	0.000	10:23
Control Test	0.049	10:24
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

SP

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:15
Control Test	0.077	10:16
Air Blank	0.000	10:17
Control Test	0.077	10:17
Air Blank	0.000	10:18
Control Test	0.077	10:19
Air Blank	0.000	10:19
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:11
Control Test	0.196	10:11
Air Blank	0.000	10:12
Control Test	0.196	10:13
Air Blank	0.000	10:13
Control Test	0.197	10:14
Air Blank	0.000	10:14
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

SP

Operator's Signature

SARASOTA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:25
Control Test	0.079	10:26
Air Blank	0.000	10:26
Control Test	0.079	10:27
Air Blank	0.000	10:27
Control Test	0.079	10:27
Air Blank	0.000	10:28
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP

Operator's Signature

DGS

SP