



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Brevard CountyS/N 80-001264Date In 5/24/17Date Out 6/6/17☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EEE

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 _____ Notes: _____ _____ _____ _____		Quality Checks Performed By <u>SP</u> ☒ Lab Temp °C <u>19.9</u> ☒ Breath Tube Screen <u>21.0</u> ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>151</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32mm <u>.140</u> (.139 - .169) 36mm <u>.156</u> (.156 - .190) 53mm <u>.234</u> (.228 - .278) 103mm <u>.492</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>SD3962</u></td> <td><u>201603D</u> <u>3-8-18</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> <td><u>201611B</u> <u>11-15-18</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>AG1626604</u> <u>9-22-18</u></td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.05	<u>SD3962</u>	<u>201603D</u> <u>3-8-18</u>	0.08	<u>DR1279</u>	<u>201611B</u> <u>11-15-18</u>	0.20	<u>DR3856</u>	<u>201604C</u> <u>4-5-18</u>	0.08 DGS	N/A	<u>AG1626604</u> <u>9-22-18</u>	Flow Calibration Performed By _____ ☒ Flow Calibration N/A ☐ Flow Calibration Complete Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 453mm ☐ 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 <u>SP</u> Simulator Temperatures °C <u>5/31/17</u> External Digital Therm. ID#: <u>300505</u> ☒ 34°C ±.2 Serial #: <u>SD3962</u> ☒ 34°C ±.2 Serial #: <u>DR1279</u> ☒ 34°C ±.2 Serial #: <u>DR3856</u>	
Simulator	Serial #	Lot #/Exp																		
0.05	<u>SD3962</u>	<u>201603D</u> <u>3-8-18</u>																		
0.08	<u>DR1279</u>	<u>201611B</u> <u>11-15-18</u>																		
0.20	<u>DR3856</u>	<u>201604C</u> <u>4-5-18</u>																		
0.08 DGS	N/A	<u>AG1626604</u> <u>9-22-18</u>																		

Calibration Adjustment Performed By SP
☒ Calibration Adjustment N/A
☒ Calibration Adjustment Complete
 Barometric Pressure Gauge 1005 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	<u>SD1019</u>	N/A	N/A
0.040	<u>SD1018</u>	<u>16320</u>	<u>10-21-18</u>
0.100	<u>SD1013</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>16410</u>	<u>12-19-18</u>
0.080 DGS	N/A	<u>sp AC 15615080A2</u>	<u>7-5-17</u>

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	<u>SD3962</u>	<u>201603D</u>	<u>3-8-18</u>
0.08	<u>SD3964</u>	<u>201611B</u>	<u>11-15-18</u>
0.20	<u>SD3933</u>	<u>201604C</u>	<u>4-5-18</u>
0.08 DGS	N/A	<u>AG162405</u>	<u>5-3-18</u>

Department Inspection Performed By SP
☒ Barometric Pressure #1 1016 Gauge 1005
 ID# 28427 1014 Instrument 1005

 Mouth Alcohol Solution Lot # 2016-A 2016-C
 Acetone Stock Solution Lot # 2017-A 2017-A

Simulator	Serial Number
0.00	<u>G2880</u> <u>G2880</u>
Interferent	<u>G2834</u> <u>G2834</u>
0.05	<u>SD3962</u> <u>SD3962</u>
0.08	<u>DR1279</u> <u>SD3964</u>
0.20	<u>DR3856</u> <u>SD3933</u>

Attachments

- | | |
|---|--|
| ☒ Form 41 <u>x2</u> | ☒ Calibration Adjustment |
| ☒ Pre-Stability Tests | ☒ Post-Stability Tests |
| ☐ Flow Calibration | ☐ Other _____ |

Notes/Suggested Service:

NOTICED AUG DIFFERENCE BTWN
AGG OF .008 DGS & Sim 7.003
PERFORMED CAL ADJUSTMENT &
RE/INSPECTED. SP QA/QC
JJ Eubank 6/6/17

- ☒
- 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

Quality Control Review

Date

STABILITY CHECKS - # 80-001264 - BREVARD COUNTY SO

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:36
Control Test	0.050	09:36
Air Blank	0.000	09:37
Control Test	0.050	09:37
Air Blank	0.000	09:38
Control Test	0.049	09:39
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP

Operator's Signature

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.077	09:43
Air Blank	0.000	09:44
Control Test	0.078	09:45
Air Blank	0.000	09:45
Control Test	0.079	09:46
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0780	
Std Dev	0.0010	
Rel Std Dev(%)	1.2821	

SP

Operator's Signature

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:25
Control Test	0.194	09:26
Air Blank	0.000	09:27
Control Test	0.195	09:27
Air Blank	0.000	09:28
Control Test	0.195	09:28
Air Blank	0.000	09:29
Control Test Stats		
Average	0.1947	
Std Dev	0.0006	
Rel Std Dev(%)	0.2966	

SP

Operator's Signature

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:32
Control Test	0.081	09:33
Air Blank	0.000	09:33
Control Test	0.081	09:33
Air Blank	0.000	09:34
Control Test	0.082	09:34
Air Blank	0.000	09:35
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

DEIS

SP

Operator's Signature

SP

BREUARD COUNTY S.O.

Intoxilyzer - Alcohol Analyzer

Model 8000

06/06/2017

08:21:45

Auto Calibration

Max Power Res Value = 21

Auto Range Res Value = 8

Sample % Abs (% Abs Ref)
Sample #1 = 1.4140 (-0.0020)
Sample #2 = 1.4320 (-0.0080)
Sample #3 = 1.4000 (-0.0140)
Sample #4 = 1.4220 (-0.0120)
Avg % Abs = 1.4180 (-0.0060)
STD DEV = 0.0164 (-0.0122)
REL STD DEV = 1.154 (202.759)

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12670, Sum Io = 13246

Sample % Abs (% Abs Ref)

Sample #1 = 0.0910 (-0.0360)

Sample #2 = 0.0790 (-0.0060)

Sample #3 = 0.0690 (-0.0020)

Sample #4 = 0.0540 (-0.0340)

Avg % Abs = 0.0673 (-0.0100)

STD DEV = 0.0126 (-0.0212)

REL STD DEV = 18.688 (211.660)

Sample % Abs (% Abs Ref)

Sample #1 = 0.0830 (-0.0160)

Sample #2 = 0.0570 (-0.0100)

Sample #3 = 0.0560 (-0.0140)

Sample #4 = 0.0590 (-0.0100)

Avg % Abs = 0.0573 (-0.0113)

STD DEV = 0.0015 (-0.0023)

REL STD DEV = 2.664 (20.377)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12662, Sum Io = 13242

Sample % Abs (% Abs Ref)

Sample #1 = 0.8210 (-0.0000)

Sample #2 = 0.8140 (-0.0150)

Sample #3 = 0.8070 (-0.0220)

Sample #4 = 0.8250 (-0.0350)

Avg % Abs = 0.8153 (-0.0240)

STD DEV = 0.0091 (-0.0101)

REL STD DEV = 1.113 (42.287)

Sample % Abs (% Abs Ref)
Sample #1 = 6.6530 (-0.0230)
Sample #2 = 6.6800 (-0.0090)
Sample #3 = 6.6850 (-0.0140)
Sample #4 = 6.6830 (-0.0050)
Avg % Abs = 6.6827 (-0.0093)
STD DEV = 0.0025 (-0.0045)
REL STD DEV = 0.038 (48.313)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12649, Sum Io = 13237

Sample % Abs (% Abs Ref)
Sample #1 = 5.5250 (-0.0150)
Sample #2 = 5.5030 (-0.0040)
Sample #3 = 5.4570 (-0.0770)
Sample #4 = 5.4980 (-0.0280)
Avg % Abs = 5.4860 (-0.0363)
STD DEV = 0.0252 (-0.0372)
REL STD DEV = 0.460 (102.404)

Sample % Abs (% Abs Ref)
Sample #1 = 9.7630 (-0.0030)
Sample #2 = 9.7350 (-0.0070)
Sample #3 = 9.6420 (-0.1200)
Sample #4 = 9.7260 (-0.0440)
Avg % Abs = 9.7010 (-0.0570)
STD DEV = 0.0513 (-0.0576)
REL STD DEV = 0.529 (101.072)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12649, Sum Io = 13235

Sample % Abs (% Abs Ref)
Sample #1 = 3.7350 (-0.0180)
Sample #2 = 3.7710 (-0.0190)
Sample #3 = 3.7430 (-0.0120)
Sample #4 = 3.7670 (-0.0010)
Avg % Abs = 3.7603 (-0.0100)
STD DEV = 0.0151 (-0.0101)
REL STD DEV = 0.403 (101.489)

Sample % Abs (% Abs Ref)
Sample #1 = 6.6530 (-0.0230)
Sample #2 = 6.6800 (-0.0090)
Sample #3 = 6.6850 (-0.0140)
Sample #4 = 6.6830 (-0.0050)
Avg % Abs = 6.6827 (-0.0093)
STD DEV = 0.0025 (-0.0045)
REL STD DEV = 0.038 (48.313)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12649, Sum Io = 13237

Sample % Abs (% Abs Ref)
Sample #1 = 5.5250 (-0.0150)
Sample #2 = 5.5030 (-0.0040)
Sample #3 = 5.4570 (-0.0770)
Sample #4 = 5.4980 (-0.0280)
Avg % Abs = 5.4860 (-0.0363)
STD DEV = 0.0252 (-0.0372)
REL STD DEV = 0.460 (102.404)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12649, Sum Io = 13235

Sample % Abs (% Abs Ref)
Sample #1 = 3.7350 (-0.0180)
Sample #2 = 3.7710 (-0.0190)
Sample #3 = 3.7430 (-0.0120)
Sample #4 = 3.7670 (-0.0010)
Avg % Abs = 3.7603 (-0.0100)
STD DEV = 0.0151 (-0.0101)
REL STD DEV = 0.403 (101.489)

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

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

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

% Abs = 0.067

Std Dev = 0.01 Rel Std Dev = 18.69

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

% Abs = 0.815

Std Dev = 0.01 Rel Std Dev = 1.11

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

% Abs = 1.950

Std Dev = 0.01 Rel Std Dev = 0.47

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

% Abs = 3.760

Std Dev = 0.02 Rel Std Dev = 0.40

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.486

Std Dev = 0.03 Rel Std Dev = 0.46

Zero Order Coef = -147.09

First Order Coef = 2457.20

Second Order Coef = 31.45

Standard Deviation = 18.20009

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

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

% Abs = 0.057

Std Dev = 0.00 Rel Std Dev = 2.66

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

% Abs = 1.418

Std Dev = 0.02 Rel Std Dev = 1.15

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

% Abs = 3.483

Std Dev = 0.01 Rel Std Dev = 0.41

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

% Abs = 6.683

Std Dev = 0.00 Rel Std Dev = 0.04

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.701

Std Dev = 0.05 Rel Std Dev = 0.53

Zero Order Coef = -56.74

First Order Coef = 1337.11

Second Order Coef = 14.53

Standard Deviation = 22.217659

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0004
0.040 0.039 0.0006
0.100 0.100 -0.0000
0.200 0.200 -0.0003
0.300 0.300 0.0001

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0004
0.040 0.039 0.0008
0.100 0.100 -0.0003
0.200 0.200 -0.0001
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 = 3176.00

Sample #2 = 3196.00

Sample #3 = 3191.00

Sample #4 = 3216.00

Average Result = 3201.0000

STD DEV = 13.2288

REL STD DEV = 0.413

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

Sample #1 = 3390.00

Sample #2 = 3351.00

Sample #3 = 3395.00

Sample #4 = 3435.00

Average Result = 3393.6667

STD DEV = 42.0159

REL STD DEV = 1.238

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

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1005

3 um H2O Adjust (mg/l*10,000) = 608

9 um H2O Adjust (mg/l*10,000) = 416

***** AUTO CAL PASS *****

CALIBRATION SP
ADJUSTMENT

#80-001264

POST CALIBRATION STABILITY CHECKS

- #80-001264 - BREVARD CSO

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.050	09:46
Air Blank	0.000	09:47
Control Test	0.050	09:48
Air Blank	0.000	09:48
Control Test	0.051	09:49
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

SP

Operator's Signature

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:35
Control Test	0.078	09:36
Air Blank	0.000	09:37
Control Test	0.079	09:37
Air Blank	0.000	09:38
Control Test	0.080	09:39
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

SP

Operator's Signature

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.199	09:41
Air Blank	0.000	09:41
Control Test	0.199	09:42
Air Blank	0.000	09:43
Control Test	0.200	09:43
Air Blank	0.000	09:44
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

SP

Operator's Signature

BREVARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001264
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:27
Control Test	0.082	09:28
Air Blank	0.000	09:28
Control Test	0.081	09:28
Air Blank	0.000	09:29
Control Test	0.082	09:29
Air Blank	0.000	09:30
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

DCS

SP

Operator's Signature

SP

SP