



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Port St. Lucie PD S/N 80-001323
 Date In 7/6/17 Date Out 7/20/17 ☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	Performed By <u>SP</u>	Quality Checks	Performed By <u>SP</u>	Flow Calibration	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: _____ _____ _____ _____ _____	☒ Lab Temp °C <u>23.9</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>145</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32mm <u>.144</u> (.139 - .169) 36mm <u>.156</u> (.156 - .190) 53mm <u>.234</u> (.228 - .278) 103mm <u>.496</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28427</u> ☒ Stability Checks	☒ Flow Calibration N/A ☐ Flow Calibration Complete Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 50mm ☐ 30L/min - 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32mm _____ (.139 - .169) 36mm _____ (.156 - .190) 53mm _____ (.228 - .278) 103mm _____ (.447 - .547)	☒ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Quality Checks Cont. Performed By <u>SP</u> Simulator Temperatures °C External Digital Therm. ID#: <u>300504</u> ☒ 34°C +/- .2 Serial #: <u>SD3962</u> ☒ 34°C +/- .2 Serial #: <u>SD1013</u> ☒ 34°C +/- .2 Serial #: <u>SD3933</u>		

Calibration Adjustment	Performed By <u>SP</u>	Department Inspection	Performed By <u>SP</u>																																																										
☐ Calibration Adjustment N/A ☒ Calibration Adjustment Complete Barometric Pressure Gauge <u>1015</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>G6621</u></td> <td><u>SD1019</u></td> <td><u>SP</u></td> </tr> <tr> <td>0.040</td> <td><u>SD1019</u></td> <td><u>16320</u></td> <td><u>10-21-18</u></td> </tr> <tr> <td>0.100</td> <td><u>SD1012</u></td> <td><u>17060</u></td> <td><u>2-14-19</u></td> </tr> <tr> <td>0.200</td> <td><u>SD1011</u></td> <td><u>17090</u></td> <td><u>2-24-19</u></td> </tr> <tr> <td>0.300</td> <td><u>DR1275</u></td> <td><u>16410</u></td> <td><u>12-19-18</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>24515080AB</u></td> <td><u>10-5-17</u></td> </tr> </tbody> </table> ☒ Post Calibration Adjustment 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>SD3962</u></td> <td><u>201603D</u></td> <td><u>3-8-18</u></td> </tr> <tr> <td>0.08</td> <td><u>SD1013</u></td> <td><u>201611B</u></td> <td><u>11-15-18</u></td> </tr> <tr> <td>0.20</td> <td><u>SD3933</u></td> <td><u>201702B</u></td> <td><u>2-23-19</u></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td><u>AG612405</u></td> <td><u>5-3-18</u></td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000	<u>G6621</u>	<u>SD1019</u>	<u>SP</u>	0.040	<u>SD1019</u>	<u>16320</u>	<u>10-21-18</u>	0.100	<u>SD1012</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>24515080AB</u>	<u>10-5-17</u>	Simulator	Serial Number	Lot Number	Expiration	0.05	<u>SD3962</u>	<u>201603D</u>	<u>3-8-18</u>	0.08	<u>SD1013</u>	<u>201611B</u>	<u>11-15-18</u>	0.20	<u>SD3933</u>	<u>201702B</u>	<u>2-23-19</u>	0.08 DGS	N/A	<u>AG612405</u>	<u>5-3-18</u>	☒ Barometric Pressure ID# <u>28427</u> <u>1016</u> Gauge <u>1015</u> Instrument Mouth Alcohol Solution Lot # <u>2016-C</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>SD1019</u></td> </tr> <tr> <td>Interferent</td> <td><u>SD1021</u></td> </tr> <tr> <td>0.05</td> <td><u>SD3962</u></td> </tr> <tr> <td>0.08</td> <td><u>SD1013</u></td> </tr> <tr> <td>0.20</td> <td><u>SD3933</u></td> </tr> </tbody> </table>	Simulator	Serial Number	0.00	<u>SD1019</u>	Interferent	<u>SD1021</u>	0.05	<u>SD3962</u>	0.08	<u>SD1013</u>	0.20	<u>SD3933</u>
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Attachments	
☒ Form 41	☒ Calibration Adjustment
☒ Pre-Stability Tests	☒ Post-Stability Tests
☐ Flow Calibration	☐ Other _____

Notes/Suggested Service:

QA/QC 7/20/17

Quality Control Review

- ☒ 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

STABILITY CHECKS -# 80-001323

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/06/2017
Software: 8100.27

SN 80-001323

Test	g/210L	Time
Air Blank	0.000	11:17
Control Test	0.050	11:18
Air Blank	0.000	11:19
Control Test	0.050	11:19
Air Blank	0.000	11:20
Control Test	0.051	11:21
Air Blank	0.000	11:21
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

SP

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/06/2017
Software: 8100.27

SN 80-001323

Test	g/210L	Time
Air Blank	0.000	11:22
Control Test	0.080	11:23
Air Blank	0.000	11:23
Control Test	0.081	11:24
Air Blank	0.000	11:25
Control Test	0.081	11:25
Air Blank	0.000	11:26
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

SP

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/06/2017
Software: 8100.27

SN 80-001323

Test	g/210L	Time
Air Blank	0.000	11:31
Control Test	0.199	11:32
Air Blank	0.000	11:32
Control Test	0.202	11:33
Air Blank	0.000	11:34
Control Test	0.203	11:34
Air Blank	0.000	11:35
Control Test Stats		
Average	0.2013	
Std Dev	0.0021	
Rel Std Dev(%)	1.0339	

SP

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/06/2017
Software: 8100.27

SN 80-001323

Test	g/210L	Time
Air Blank	0.000	11:39
Control Test	0.083	11:39
Air Blank	0.000	11:39
Control Test	0.083	11:40
Air Blank	0.000	11:40
Control Test	0.084	11:41
Air Blank	0.000	11:41
Control Test Stats		
Average	0.0833	
Std Dev	0.0006	
Rel Std Dev(%)	0.6928	

DAS

SP

Operator's Signature

ADZ

JD

INTOXILYZER 8000
Instrument Initialization
07:39 07/20/2017

ENTERED INCORRECT
CAL SOLUTION VALUE.
SP

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001323
07/20/2017 08:45:11

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 24

**** AUTO CAL FAIL

Q03

JP

PORT ST LUCIE PD

Intoxilizer - Alcohol Analyzer

SN 80-001323

08:48:23

Auto Calibration

Max Power Res Value = 45

Auto Range Res Value = 24

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12683, Sum Io = 13347

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

Sample % Abs (% Abs Ref)

Sample #1 = 0.1470 (-0.0130)

Sample #2 = 0.1290 (-0.0440)

Sample #3 = 0.1360 (-0.0760)

Sample #4 = 0.1550 (-0.1130)

Aug % Abs = 0.1400 (0.0777)

STD DEV = 0.0135 (0.0345)

REL STD DEV = 9.610 (44.459)

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

Sample % Abs (% Abs Ref)

Sample #1 = 0.1270 (0.0000)

Sample #2 = 0.1300 (0.0190)

Sample #3 = 0.1140 (0.0430)

Sample #4 = 0.1440 (0.0320)

Aug % Abs = 0.1293 (0.0313)

STD DEV = 0.0150 (0.0120)

REL STD DEV = 11.607 (38.342)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12660, Sum Io = 13338

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

Sample % Abs (% Abs Ref)

Sample #1 = 0.8390 (-0.0020)

Sample #2 = 0.8540 (0.0360)

Sample #3 = 0.8620 (0.0460)

Sample #4 = 0.8510 (0.0730)

Aug % Abs = 0.8557 (0.0523)

STD DEV = 0.0057 (0.0183)

REL STD DEV = 0.665 (35.043)

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

Sample % Abs (% Abs Ref)

Sample #1 = 1.5460 (-0.0020)

Sample #2 = 1.5520 (0.0090)

Sample #3 = 1.5600 (0.0080)

Sample #4 = 1.5700 (0.0190)

Aug % Abs = 1.5607 (0.0120)

STD DEV = 0.0090 (0.0061)

REL STD DEV = 0.578 (50.690)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12648, Sum Io = 13333

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

Sample % Abs (% Abs Ref)

Sample #1 = 1.9680 (-0.0240)

Sample #2 = 1.9550 (0.0050)

Sample #3 = 1.9570 (0.0350)

Sample #4 = 1.9410 (0.0430)

Aug % Abs = 1.9510 (0.0277)

STD DEV = 0.0087 (0.0200)

REL STD DEV = 0.447 (72.410)

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

Sample % Abs (% Abs Ref)

Sample #1 = 3.6680 (-0.0060)

Sample #2 = 3.6820 (0.0000)

Sample #3 = 3.6940 (0.0230)

Sample #4 = 3.7040 (0.0160)

Aug % Abs = 3.6933 (0.0130)

STD DEV = 0.0110 (0.0118)

REL STD DEV = 0.298 (90.691)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12640, Sum Io = 13330

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

Sample % Abs (% Abs Ref)

Sample #1 = 3.6850 (-0.0230)

Sample #2 = 3.6700 (0.0260)

Sample #3 = 3.6760 (0.0340)

Sample #4 = 3.6750 (0.0290)

Aug % Abs = 3.6737 (0.0297)

STD DEV = 0.0032 (0.0040)

REL STD DEV = 0.088 (13.623)

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

Sample % Abs (% Abs Ref)

Sample #1 = 6.9670 (-0.0060)

Sample #2 = 6.9700 (0.0230)

Sample #3 = 6.9780 (0.0280)

Sample #4 = 7.0020 (0.0010)

Aug % Abs = 6.9833 (0.0173)

STD DEV = 0.0167 (0.0144)

REL STD DEV = 0.238 (82.871)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12634, Sum Io = 13325

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

Sample % Abs (% Abs Ref)

Sample #1 = 5.3720 (-0.0140)

Sample #2 = 5.3840 (0.0160)

Sample #3 = 5.3980 (0.0230)

Sample #4 = 5.4060 (0.0230)

Aug % Abs = 5.3960 (0.0207)

STD DEV = 0.0111 (0.0040)

REL STD DEV = 0.206 (19.555)

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

Sample % Abs (% Abs Ref)

Sample #1 = 10.0920 (-0.0120)

Sample #2 = 10.1300 (0.0100)

Sample #3 = 10.1650 (0.0080)

Sample #4 = 10.1840 (-0.0040)

Aug % Abs = 10.1597 (0.0047)

STD DEV = 0.0274 (0.0076)

REL STD DEV = 0.270 (162.255)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12640, Sum Io = 13330

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

Sample % Abs (% Abs Ref)

Sample #1 = 3.6850 (-0.0230)

Sample #2 = 3.6700 (0.0260)

Sample #3 = 3.6760 (0.0340)

Sample #4 = 3.6750 (0.0290)

Aug % Abs = 3.6737 (0.0297)

STD DEV = 0.0032 (0.0040)

REL STD DEV = 0.088 (13.623)

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

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

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

% Abs = 0.140

Std Dev = 0.01 Rel Std Dev = 9.61

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

% Abs = 0.856

Std Dev = 0.01 Rel Std Dev = 0.66

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

% Abs = 1.951

Std Dev = 0.01 Rel Std Dev = 0.45

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

% Abs = 3.674

Std Dev = 0.00 Rel Std Dev = 0.09

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

% Abs = 5.396

Std Dev = 0.01 Rel Std Dev = 0.21

Zero Order Coef = -364.84

First Order Coef = 2611.02

Second Order Coef = 19.62

Standard Deviation = 28.819321

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

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

% Abs = 0.129

Std Dev = 0.02 Rel Std Dev = 11.61

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

% Abs = 1.561

Std Dev = 0.01 Rel Std Dev = 0.58

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

% Abs = 3.693

Std Dev = 0.01 Rel Std Dev = 0.30

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

% Abs = 6.983

Std Dev = 0.02 Rel Std Dev = 0.24

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

% Abs = 10.160

Std Dev = 0.03 Rel Std Dev = 0.27

Zero Order Coef = -167.06

First Order Coef = 1297.74

Second Order Coef = 12.36

Standard Deviation = 22.607262

Solution Stats Quadratic Fit Chan 1

Act Fit Residual

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

0.000 0.000 -0.0000

0.040 0.040 0.0004

0.100 0.101 -0.0009

0.200 0.199 0.0007

0.300 0.300 -0.0002

Solution Stats Quadratic Fit Chan 2

Act Fit Residual

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

0.000 0.000 -0.0000

0.040 0.040 0.0003

0.100 0.101 -0.0007

0.200 0.199 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 = 2937.00

Sample #2 = 3018.00

Sample #3 = 3033.00

Sample #4 = 3003.00

Average Result = 3018.0000

STD DEV = 15.0000

REL STD DEV = 0.497

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

Sample #1 = 3313.00

Sample #2 = 3393.00

Sample #3 = 3361.00

Sample #4 = 3361.00

Average Result = 3371.6667

STD DEV = 18.4752

REL STD DEV = 0.548

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

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1015

3 um H2O Adjust (mg/l*10,000) = 791

9 um H2O Adjust (mg/l*10,000) = 438

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

CAL ADJUSTMENT

#80-001323 SP

POST CAL ADJUSTMENT STABILITY CHECKS - #80-001323

PORT ST. LUCIE PD

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:47
Control Test	0.049	09:48
Air Blank	0.000	09:48
Control Test	0.050	09:49
Air Blank	0.000	09:50
Control Test	0.049	09:50
Air Blank	0.000	09:51
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

SP

Operator's Signature

JD

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.080	09:43
Air Blank	0.000	09:43
Control Test	0.080	09:44
Air Blank	0.000	09:45
Control Test	0.080	09:45
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:34
Control Test	0.201	09:35
Air Blank	0.000	09:36
Control Test	0.201	09:36
Air Blank	0.000	09:37
Control Test	0.201	09:38
Air Blank	0.000	09:38
Control Test Stats		
Average	0.2010	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/20/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:39
Control Test	0.079	09:39
Air Blank	0.000	09:40
Control Test	0.080	09:40
Air Blank	0.000	09:41
Control Test	0.080	09:41
Air Blank	0.000	09:41
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

SP

SP

Operator's Signature