FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Port St. Lucie PD S/N 80-001962

Date In 11/27/17 DI Completion Date 11/30/17 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By [initials]

☑ Annual
☐ Registration
☑ Return from CMI / EE

Visual Inspection:
☑ Case ☑ Handle
☑ Keyboard ☑ Dry Gas Shelf
☑ Feet ☑ Breath Tube
☑ Ports ☑ Screws Tight

Other Equipment/ Accessories:
☐ Power cord ☐ Printer Cable
☑ Static Bag ☐ 12V DC Cable

Notes: ______

Final Release Date

FDLE
NOV 30 2017
Alcohol Testing Program

Quality Checks Performed By SP

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 214
☒ Flow Verification (L/s)

Flow Column # ATP102

32 mm	.152	(.139 - .169)
36 mm	.167	(.156 - .190)
53 mm	.238	(.228 - .278)
103 mm	.515	(.447 - .547)

☒ Barometric Pressure Check
Gauge ID # 26932
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3962	201707D 7-25-19
0.080	SD1013	201707E 7-25-19
0.200	DR3856	201707C 7-24-19
0.080 DGS	N/A	AG708807 3-29-19

Flow Calibration Performed By ______

Flow Column # ______
☐ 5L/min – 17mm
☐ 15L/min – 53mm
☐ 30L/min – 103mm
☐ R-Value ______
☐ Post Calibration Verification (L/s)
Flow Column # ______

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

Maintenance Performed By ______

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☐ Other ______

Temperature Checks Performed By SP

☒ Lab Temp °C 22.5
External Digital Therm. ID#: 300505
☒ 34°C +-.2 Serial #: SD3962
☒ 34°C +-.2 Serial #: SD1013
☒ 34°C +-.2 Serial #: DR3856

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 28421 ID # 1020

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1024	16320	10-21-18
0.100	G2834	17060	2-14-19
0.200	SD1011	17090	2-24-19
0.300	DR1275	17140	5-15-19
0.080 DGS	N/A	1781708OA2	8-5-19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3962	201707D	7-25-19
0.080	SD1013	201707E	7-25-19
0.200	DR3856	201707C	7-24-19
0.080 DGS	N/A	AG708807	3-29-19

Notes/Suggested Service: ______

Department Inspection Performed By SP

Barometric Pressure ID# 26932
Gauge 1020 Instrument 1019
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	SD1019
Interferent	SD1021
0.050	SD3962
0.080	SD1013
0.200	DR3856

Attachments

☒ Form 41 ☐ Flow Calibration
☒ Stability Checks ☐ Form 40
☒ Calibration Adjustment ☐ Other ______
☒ Post-Stability Checks

☒ **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**

[signature] 11/30/17 [signature] 11/30/17
Tech Review / Date Admin Review / Date

STABILITY CHECKS - #80-001962

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:11
Control Test	0.046	09:11
Air Blank	0.000	09:12
Control Test	0.045	09:13
Air Blank	0.000	09:13
Control Test	0.046	09:14
Air Blank	0.000	09:14
Control Test Stats		
Average	0.0457	
Std Dev	0.0006	
Rel Std Dev(%)	1.2643	

SP
Operator's Signature

11/30/17
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PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:16
Control Test	0.079	09:16
Air Blank	0.000	09:17
Control Test	0.078	09:17
Air Blank	0.000	09:18
Control Test	0.078	09:19
Air Blank	0.000	09:19
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

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Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:23
Control Test	0.196	09:24
Air Blank	0.000	09:24
Control Test	0.196	09:25
Air Blank	0.000	09:26
Control Test	0.197	09:26
Air Blank	0.000	09:27
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

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Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:20
Control Test	0.078	09:20
Air Blank	0.000	09:21
Control Test	0.077	09:21
Air Blank	0.000	09:21
Control Test	0.077	09:22
Air Blank	0.000	09:22
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

DGS

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Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017 09:50:18

Auto Calibration
Max Power Res Value = 98
Auto Range Res Value = 70

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12783, 9um Io = 13202

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.2490	(-0.0150)
Sample #2 =	0.2390	(0.0390)
Sample #3 =	0.2440	(0.0610)
Sample #4 =	0.2470	(0.0810)

Avg % Abs = 0.2433 (0.0603)
STD DEV = 0.0040 (0.0210)
REL STD DEV = 1.661 (34.820)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.5420	(-0.0130)
Sample #2 =	0.5010	(0.0480)
Sample #3 =	0.5410	(0.0440)
Sample #4 =	0.5310	(0.0590)

Avg % Abs = 0.5243 (0.0503)
STD DEV = 0.0208 (0.0078)
REL STD DEV = 3.970 (15.432)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12769, 9um Io = 13194

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9190	(-0.0190)
Sample #2 =	0.9220	(-0.0140)
Sample #3 =	0.9180	(0.0130)
Sample #4 =	0.9170	(0.0010)

Avg % Abs = 0.9190 (0.0000)
STD DEV = 0.0026 (0.0135)
REL STD DEV = 0.288 (0.000)

JJ 11/30/17

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8220	(-0.0110)
Sample #2 =	1.8390	(-0.0030)
Sample #3 =	1.8150	(0.0190)
Sample #4 =	1.8240	(0.0170)

Avg % Abs = 1.8260 (0.0110)
STD DEV = 0.0121 (0.0122)
REL STD DEV = 0.664 (110.596)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12763, 9um Io = 13190

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9400	(-0.0240)
Sample #2 =	1.9410	(-0.0250)
Sample #3 =	1.9300	(0.0120)
Sample #4 =	1.9400	(0.0150)

Avg % Abs = 1.9370 (0.0007)
STD DEV = 0.0061 (0.0223)
REL STD DEV = 0.314 (3341.784)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7790	(-0.0270)
Sample #2 =	3.7550	(0.0070)
Sample #3 =	3.7400	(0.0220)
Sample #4 =	3.7740	(0.0010)

Avg % Abs = 3.7563 (0.0100)
STD DEV = 0.0170 (0.0108)
REL STD DEV = 0.454 (108.167)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12760, 9um Io = 13192

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5380	(-0.0120)
Sample #2 =	3.5740	(-0.0090)
Sample #3 =	3.5770	(0.0010)
Sample #4 =	3.5570	(0.0080)

Avg % Abs = 3.5693 (0.0000)
STD DEV = 0.0108 (0.0085)
REL STD DEV = 0.302 (2752216064.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7790	(0.0050)
Sample #2 =	6.7760	(0.0380)
Sample #3 =	6.8120	(0.0270)
Sample #4 =	6.8440	(0.0010)

Avg % Abs = 6.8107 (0.0220)
STD DEV = 0.0340 (0.0190)
REL STD DEV = 0.500 (86.364)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12760, 9um Io = 13191

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1470	(-0.0140)
Sample #2 =	5.1300	(0.0260)
Sample #3 =	5.1210	(0.0350)
Sample #4 =	5.1270	(0.0370)

Avg % Abs = 5.1260 (0.0327)
STD DEV = 0.0046 (0.0059)
REL STD DEV = 0.089 (17.937)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6940	(-0.0090)
Sample #2 =	9.6580	(0.0370)
Sample #3 =	9.6810	(0.0320)
Sample #4 =	9.7070	(0.0230)

Avg % Abs = 9.6820 (0.0307)
STD DEV = 0.0245 (0.0071)
REL STD DEV = 0.253 (23.135)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.243
Std Dev = 0.00 Rel Std Dev = 1.66
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.919
Std Dev = 0.00 Rel Std Dev = 0.29
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.937
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.569
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.126
Std Dev = 0.00 Rel Std Dev = 0.09
Zero Order Coef = -648.28
First Order Coef = 2719.43
Second Order Coef = 37.61
Standard Deviation = 15.479003

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.524
Std Dev = 0.02 Rel Std Dev = 3.97
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.826
Std Dev = 0.01 Rel Std Dev = 0.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.756
Std Dev = 0.02 Rel Std Dev = 0.45
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.811
Std Dev = 0.03 Rel Std Dev = 0.50
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.682
Std Dev = 0.02 Rel Std Dev = 0.25
Zero Order Coef = -727.96
First Order Coef = 1404.58
Second Order Coef = 15.03
Standard Deviation = 12.697826

CAL ADJUSTMENT
#80-001962
SP

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0005
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	-0.0003
0.040	0.040	0.0004
0.100	0.100	0.0000
0.200	0.200	-0.0002
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 = 2639.00
Sample #2 = 2700.00
Sample #3 = 2647.00
Sample #4 = 2624.00
Average Result = 2657.0000
STD DEV = 38.9743
REL STD DEV = 1.467
****

***** CHANNEL 2
Sample #1 = 2444.00
Sample #2 = 2441.00
Sample #3 = 2414.00
Sample #4 = 2401.00
Average Result = 2418.6667
STD DEV = 20.4042
REL STD DEV = 0.844
****

Dry Gas H20 Adjust Results **********
Barometric Pressure = 1019
3 um H20 Adjust (mg/l*10,000) = 1152
9 um H20 Adjust (mg/l*10,000) = 1391
**** AUTO CAL PASS

POST CAL-ADJUSTMENT STABILITY CHECKS

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:56
Control Test	0.049	10:56
Air Blank	0.000	10:57
Control Test	0.049	10:58
Air Blank	0.000	10:58
Control Test	0.050	10:59
Air Blank	0.000	10:59
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

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11/30/17
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PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:50
Control Test	0.080	10:51
Air Blank	0.000	10:51
Control Test	0.081	10:52
Air Blank	0.000	10:53
Control Test	0.082	10:53
Air Blank	0.000	10:54
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel Std Dev(%)	1.2346	

SP
Operator's Signature

PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:46
Control Test	0.197	10:46
Air Blank	0.000	10:47
Control Test	0.199	10:48
Air Blank	0.000	10:48
Control Test	0.199	10:49
Air Blank	0.000	10:49
Control Test Stats		
Average	0.1983	
Std Dev	0.0012	
Rel Std Dev(%)	0.5822	

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PORT ST LUCIE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001962
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.080	11:01
Air Blank	0.000	11:01
Control Test	0.081	11:02
Air Blank	0.000	11:02
Control Test	0.079	11:02
Air Blank	0.000	11:03
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

DGS

SP
Operator's Signature

FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Port Saint Lucie PD S/N 80-001962

Date In 8/3/17 Date Out 9/6/17 ☐Ship ☐P/U ☐H/D ☒CMI ☐EE

Intake Performed By [initials]

- ☐ Registration
- ☒ Annual
- ☐ Return from CMI
- ☐ Return from Enforcement Electronics
- ☐ Other ______

Visual Inspection:

ok	Case	ok	Handle
OK	Dry Gas Holder	ok	Feet
OK	Keyboard/Plug	ok	Back/Plugs
ok	Screws tight	ok	Breath Hose

Other Equipment:

- ☐ Power cord
- ☐ Printer Cable
- ☒ Other Static Bag

Notes: ______

Quality Checks Performed By SP

- ☐ Lab Temp °C ______
- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 215
- ☐ Flow Verification (L/s)

Flow Column # ______

32mm	______	(.139 - .169)
36mm	______	(.156 - .190)
53mm	______	(.228 - .278)
103mm	______	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☐ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05		
0.08		
0.20		
0.08 DGS	N/A	

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)

Maintenance Performed By SP

- ☒ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other ______

Quality Checks Cont. Performed By ___

Simulator Temperatures °C

External Digital Therm. ID#: ______

- ☐ 34°C +-.2 Serial #: ______
- ☐ 34°C +-.2 Serial #: ______
- ☐ 34°C +-.2 Serial #: ______

Calibration Adjustment Performed By ______

- ☐ Calibration Adjustment N/A
- ☐ Calibration Adjustment Complete

Barometric Pressure Gauge ______ ID # ______

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

- ☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05			
0.08			
0.20			
0.08 DGS	N/A		

Department Inspection Performed By ______

- ☐ Barometric Pressure ID# ______ ______ Gauge ______ Instrument

Mouth Alcohol Solution Lot # ______

Acetone Stock Solution Lot # ______

Simulator	Serial Number
0.00	
Interferent	
0.05	
0.08	
0.20	

Attachments

- ☐ Form 41
- ☐ Pre-Stability Tests
- ☐ Flow Calibration
- ☐ Calibration Adjustment
- ☐ Post-Stability Tests
- ☐ Other ______

Notes/Suggested Service:
Sending for Repair due to
DSP Diagnostic Fail

[signature] QA/QC

- ☐ **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**

11/30/17 [initials]

Quality Control Review Date