INSTRUMENT PROCESSING SHEET

FDLE
Florida Department of Law Enforcement

Agency Ormond Beach PD S/N 80-001156

Date In 10/27/17 DI Completion Date 11/9/17 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By [signature]

☑ 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

NOV 14 2017

Quality Checks Performed By PJM

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 199
☒ Flow Verification (L/s)
Flow Column # ATP105
32 mm .152 (.139 - .169)
36 mm .165 (.156 - .190)
53 mm .242 (.228 - .278)
103 mm .511 (.447 - .547)
☒ Barometric Pressure Check
Gauge ID # 28421
☒ 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	AG626605 9/22/18

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 PJM

☒ Lab Temp °C 21.7
External Digital Therm. ID#: 300504
☒ 34°C +-.2 Serial #: 62835
☒ 34°C +-.2 Serial #: DR1279
☒ 34°C +-.2 Serial #: SD1025

Calibration Adjustment Performed By PJM

Barometric Pressure Gauge 1015 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1018	16320	10/12/18
0.100	62834	17060	2/14/19
0.200	G2408	17090	2/24/19
0.300	DR1275	16410	12/19/18
0.080 DGS	N/A	17817080A2	8/5/19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	62835	201707D	7/25/19
0.080	DR1279	201707E	7/25/19
0.200	SD1025	201707C	7/24/19
0.080 DGS	N/A	AG626605	9/22/18

Department Inspection Performed By PJM

Barometric Pressure ID# 28421
Gauge 1014 Instrument 1014
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	62880
Interferent	62840
0.050	62835
0.080	DR1279
0.200	SD1025

Attachments

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

Notes/Suggested Service:

☒ **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**

SP 11/14/17 [signature] 11/14/17
Tech Review / Date Admin Review / Date

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:00
Control Test	0.049	15:01
Air Blank	0.000	15:01
Control Test	0.050	15:02
Air Blank	0.000	15:03
Control Test	0.051	15:03
Air Blank	0.000	15:04
Control Test Stats		
Average	0.0500	
Std Dev	0.0010	
Rel Std Dev(%)	2.0000	

P Murphy
Operator's Signature

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:53
Control Test	0.082	14:54
Air Blank	0.000	[illegible]54
Control Test	[illegible]	[illegible]
Air Blank	[illegible]	[illegible]56
Control Test	[illegible]	[illegible]
Air Blank	[illegible]	[illegible]:57
Control [illegible]		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy
Operator's Signature

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:48
Control Test	0.205	14:48
Air Blank	0.000	14:49
Control Test	0.203	14:50
Air Blank	0.000	14:50
Control Test	0.202	14:51
Air Blank	0.000	14:51
Control Test Stats		
Average	0.2033	
Std Dev	0.0015	
Rel Std Dev(%)	0.7512	

P Murphy
Operator's Signature

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:16
Control Test	0.078	15:17
Air Blank	0.000	15:17
Control Test	0.078	15:17
Air Blank	0.000	15:18
Control Test	0.078	15:18
Air Blank	0.000	15:19
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

P Murphy
Operator's Signature

SP

11/14/17
JJ

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/09/2017 11:27:12

Auto Calibration
Max Power Res Value = 29
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12811, 9um Io = 13407
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0610	(-0.0130)
Sample #2 =	0.0840	(-0.0060)
Sample #3 =	0.0850	(-0.0230)
Sample #4 =	0.0760	(0.0020)

Avg % Abs = 0.0817 (-0.0090)
STD DEV = 0.0049 (0.0128)
REL STD DEV = 6.040 (141.857)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0710	(-0.0070)
Sample #2 =	0.0980	(-0.0160)
Sample #3 =	0.0960	(-0.0220)
Sample #4 =	0.1180	(-0.0220)

Avg % Abs = 0.1040 (-0.0200)
STD DEV = 0.0122 (0.0035)
REL STD DEV = 11.698 (17.321)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12808, 9um Io = 13405
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8470	(-0.0260)
Sample #2 =	0.8560	(-0.0290)
Sample #3 =	0.8350	(-0.0080)
Sample #4 =	0.8200	(-0.0120)

Avg % Abs = 0.8370 (-0.0163)
STD DEV = 0.0181 (0.0112)
REL STD DEV = 2.160 (68.268)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5700	(-0.0340)
Sample #2 =	1.5660	(-0.0200)
Sample #3 =	1.5600	(-0.0140)
Sample #4 =	1.5360	(0.0000)

Avg % Abs = 1.5540 (-0.0113)
STD DEV = 0.0159 (0.0103)
REL STD DEV = 1.022 (90.558)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12827, 9um Io = 13418
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9780	(-0.0220)
Sample #2 =	1.9520	(0.0200)
Sample #3 =	1.9770	(0.0100)
Sample #4 =	1.9340	(0.0320)

Avg % Abs = 1.9543 (0.0207)
STD DEV = 0.0216 (0.0110)
REL STD DEV = 1.105 (53.299)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7180	(-0.0220)
Sample #2 =	3.6790	(0.0390)
Sample #3 =	3.7050	(0.0280)
Sample #4 =	3.7000	(0.0260)

Avg % Abs = 3.6947 (0.0310)
STD DEV = 0.0138 (0.0070)
REL STD DEV = 0.373 (22.581)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12825, 9um Io = 13416
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7930	(-0.0150)
Sample #2 =	3.7520	(0.0530)
Sample #3 =	3.7570	(0.0400)
Sample #4 =	3.7290	(0.0600)

Avg % Abs = 3.7460 (0.0510)
STD DEV = 0.0149 (0.0101)
REL STD DEV = 0.399 (19.900)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.1200	(-0.0100)
Sample #2 =	7.0770	(0.0800)
Sample #3 =	7.1030	(0.0620)
Sample #4 =	7.0570	(0.0760)

Avg % Abs = 7.0790 (0.0727)
STD DEV = 0.0231 (0.0095)
REL STD DEV = 0.326 (13.007)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12824, 9um Io = 13415
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5080	(-0.0190)
Sample #2 =	5.4870	(0.0650)
Sample #3 =	5.4890	(0.0630)
Sample #4 =	5.4640	(0.0950)

Avg % Abs = 5.4800 (0.0743)
STD DEV = 0.0139 (0.0179)
REL STD DEV = 0.254 (24.115)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.2860	(-0.0070)
Sample #2 =	10.2620	(0.1180)
Sample #3 =	10.2330	(0.1350)
Sample #4 =	10.2370	(0.1540)

Avg % Abs = 10.2440 (0.1357)
STD DEV = 0.0157 (0.0180)
REL STD DEV = 0.153 (13.275)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.082
Std Dev = 0.00 Rel Std Dev = 6.04
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.837
Std Dev = 0.02 Rel Std Dev = 2.16
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.954
Std Dev = 0.02 Rel Std Dev = 1.10
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.746
Std Dev = 0.01 Rel Std Dev = 0.40
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.480
Std Dev = 0.01 Rel Std Dev = 0.25
Zero Order Coef = -202.82
First Order Coef = 2488.93
Second Order Coef = 28.33
Standard Deviation = 5.313017

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.104
Std Dev = 0.01 Rel Std Dev = 11.70
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.554
Std Dev = 0.02 Rel Std Dev = 1.02
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.695
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.079
Std Dev = 0.02 Rel Std Dev = 0.33
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.244
Std Dev = 0.02 Rel Std Dev = 0.15
Zero Order Coef = -119.72
First Order Coef = 1271.75
Second Order Coef = 13.07
Standard Deviation = 13.177939

SP

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0000
0.040	0.040	0.0001
0.100	0.100	-0.0002
0.200	0.200	0.0001
0.300	0.300	-0.0000

11/14/17

80-001156

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	0.0003
0.100	0.100	0.0001
0.200	0.200	-0.0003
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 = 3211.00
Sample #2 = 3232.00
Sample #3 = 3165.00
Sample #4 = 3176.00
Average Result = 3191.0000
STD DEV = 35.9305
REL STD DEV = 1.126
****
***** CHANNEL 2
Sample #1 = 3432.00
Sample #2 = 3440.00
Sample #3 = 3440.00
Sample #4 = 3429.00
Average Result = 3436.3333
STD DEV = 6.3509
REL STD DEV = 0.185
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 618
9 um H20 Adjust (mg/l*10,000) = 373
**** AUTO CAL PASS

Post
Calibration
Adjust
Stabilities

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:15
Control Test	0.049	12:16
Air Blank	0.000	12:17
Control Test	0.049	12:17
Air Blank	0.000	12:18
Control Test	0.049	12:19
Air Blank	0.000	12:19

Control Test Stats
Average 0.0490
Std Dev 0.0000
Rel Std Dev(%) 0.0000

P Murphy
Operator's Signature

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.080	12:21
Air Blank	0.000	12:22
Control Test	0.079	12:23
Air Blank	0.000	12:23
Control Test	0.080	12:24
Air Blank	0.000	12:24

Control Test Stats
Average 0.0797
Std Dev 0.0006
Rel Std Dev(%) 0.7247

P Murphy
Operator's Signature

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:26
Control Test	0.200	12:26
Air Blank	0.000	12:27
Control Test	0.199	12:28
Air Blank	0.000	12:28
Control Test	0.199	12:29
Air Blank	0.000	12:29

Control Test Stats
Average 0.1993
Std Dev 0.0006
Rel Std Dev(%) 0.2896

P Murphy
Operator's Signature

ORMOND BEACH P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001156
11/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:31
Control Test	0.080	12:32
Air Blank	0.000	12:32
Control Test	0.079	12:32
Air Blank	0.000	12:33
Control Test	0.080	12:33
Air Blank	0.000	12:34

Control Test Stats
Average 0.0797
Std Dev 0.0006
Rel Std Dev(%) 0.7247

DGS

P Murphy
Operator's Signature

SP

11/14/17
JJ