FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Ft. Myers PD S/N 80-005468

Date In 3/8/17 Date Out 3/22/17 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By 108

☐ 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 ______

Notes: ______

Quality Checks Performed By SP

☒ Breath Tube Screen
☒ Replace O-Rings
☒ Instrument Set Up Verified
☒ R-Value 201
☒ Flow Verification (L/s)

Flow Column # ATP102

32mm .152 (.139 - .169)
36mm .175 (.156 - .190)
53mm .238 (.228 - .278)
103mm .519 (.447 - .547)

☒ Barometric Pressure Check
Gauge ID # 28427
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	G3709	2016003D 3-8-18
0.08	SD3964	2016001F 1-26-18
0.20	DR3856	2016004C 4-5-18
0.08 DGS	N/A	AG6266605 9-22-18

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 ______

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

Suggested Service

______

Optical Bench Calibration Performed By SP

☐ Optical Bench Calibration N/A
☒ Optical Bench Calibration Complete SP
Barometric Pressure Gauge ~~1021~~ 1015 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1024	15108	8-8-17
0.100	SD1022	15001	5-20-17
0.200	DR3855	15104	5-27-17
0.400	G2407	15105	6-10-17
0.080 DGS	N/A	15615080A2	7-5-17

☒ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	G3709	2016003D	3-8-18
0.08	DR1279	2016001F	1-26-18
0.20	DR3856	2016004C	4-5-18
0.08 DGS	N/A	AG6266605	9-22-18

Department Inspection Performed By SP

☒ Barometric Pressure ID# 28427 1016 Gauge 1016 Instrument

Mouth Alcohol Solution Lot # 2016-A
Acetone Stock Solution Lot # 2016-B

Simulator	Serial Number
0.00	G2880
Interferent	G2834
0.05	G3709
0.08	~~SD~~ DR1279
0.20	DR3856

Attachments

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

Notes: QA/QC OK GDM 3/22/2017

☒ **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

3/23/17
Date

STABILITY CHECKS - INSTRUMENT # 80-005468

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005468
03/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:13
Control Test	0.049	10:13
Air Blank	0.000	10:14
Control Test	0.050	10:15
Air Blank	0.000	10:15
Control Test	0.050	10:16
Air Blank	0.000	10:17
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP
Operator's Signature

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005468
03/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:27
Control Test	0.082	10:28
Air Blank	0.000	10:28
Control Test	0.081	10:29
Air Blank	0.000	10:30
Control Test	0.082	10:30
Air Blank	0.000	10:31
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

SP
Operator's Signature

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005468
03/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:17
Control Test	0.200	10:18
Air Blank	0.000	10:19
Control Test	0.200	10:19
Air Blank	0.000	10:20
Control Test	0.200	10:21
Air Blank	0.000	10:21
Control Test Stats		
Average	0.2000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005468
03/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:23
Control Test	0.078	10:23
Air Blank	0.000	10:24
Control Test	0.079	10:24
Air Blank	0.000	10:25
Control Test	0.079	10:25
Air Blank	0.000	10:26
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS

SP
Operator's Signature

13K

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005468
03/22/2017 09:56:38

Auto Calibration
Max Power Res Value = 24
Auto Range Res Value = 13

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12660, 9um Io = 13477
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0350	(-0.0100)
Sample #2 =	0.0340	(0.0370)
Sample #3 =	0.0310	(0.0550)
Sample #4 =	0.0820	(0.0680)

Avg % Abs = 0.0490 (0.0533)
STD DEV = 0.0286 (0.0156)
REL STD DEV = 58.404 (29.188)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1160	(-0.0130)
Sample #2 =	0.1290	(0.0040)
Sample #3 =	0.1300	(0.0120)
Sample #4 =	0.1680	(0.0070)

Avg % Abs = 0.1423 (0.0077)
STD DEV = 0.0222 (0.0040)
REL STD DEV = 15.621 (52.715)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12643, 9um Io = 13473
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7180	(-0.0150)
Sample #2 =	0.7600	(-0.0010)
Sample #3 =	0.7390	(0.0040)
Sample #4 =	0.7110	(0.0480)

Avg % Abs = 0.7367 (0.0170)
STD DEV = 0.0246 (0.0270)
REL STD DEV = 3.337 (158.606)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5280	(0.0000)
Sample #2 =	1.5350	(0.0100)
Sample #3 =	1.5200	(0.0250)
Sample #4 =	1.5170	(0.0410)

Avg % Abs = 1.5240 (0.0253)
STD DEV = 0.0096 (0.0155)
REL STD DEV = 0.633 (61.195)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12637, 9um Io = 13469
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7140	(0.0110)
Sample #2 =	1.7510	(0.0210)
Sample #3 =	1.7120	(0.0600)
Sample #4 =	1.6960	(0.0680)

Avg % Abs = 1.7197 (0.0497)
STD DEV = 0.0283 (0.0251)
REL STD DEV = 1.645 (50.630)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5060	(0.0000)
Sample #2 =	3.5710	(0.0070)
Sample #3 =	3.5330	(0.0450)
Sample #4 =	3.5380	(0.0500)

Avg % Abs = 3.5473 (0.0340)
STD DEV = 0.0206 (0.0235)
REL STD DEV = 0.582 (69.165)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12625, 9um Io = 13463
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.3670	(-0.0010)
Sample #2 =	3.4250	(0.0040)
Sample #3 =	3.4040	(0.0140)
Sample #4 =	3.4330	(0.0280)

Avg % Abs = 3.4207 (0.0153)
STD DEV = 0.0150 (0.0121)
REL STD DEV = 0.438 (78.622)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8430	(0.0050)
Sample #2 =	6.8710	(0.0290)
Sample #3 =	6.8960	(0.0450)
Sample #4 =	6.9160	(0.0550)

Avg % Abs = 6.8943 (0.0430)
STD DEV = 0.0225 (0.0131)
REL STD DEV = 0.327 (30.500)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12618, 9um Io = 13457
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.6290	(-0.0200)
Sample #2 =	6.5590	(0.0500)
Sample #3 =	6.5940	(0.0630)
Sample #4 =	6.5800	(0.0690)

Avg % Abs = 6.5777 (0.0607)
STD DEV = 0.0176 (0.0097)
REL STD DEV = 0.268 (16.010)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	13.0090	(-0.0130)
Sample #2 =	12.9550	(0.0580)
Sample #3 =	12.9400	(0.0940)
Sample #4 =	12.9630	(0.0780)

Avg % Abs = 12.9527 (0.0767)
STD DEV = 0.0117 (0.0180)
REL STD DEV = 0.090 (23.527)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.049
Std Dev = 0.03 Rel Std Dev = 58.40
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.737
Std Dev = 0.02 Rel Std Dev = 3.34
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.720
Std Dev = 0.03 Rel Std Dev = 1.65
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.421
Std Dev = 0.01 Rel Std Dev = 0.44
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.578
Std Dev = 0.02 Rel Std Dev = 0.27
Zero Order Coef = -117.35
First Order Coef = 2749.36
Second Order Coef = 24.76
Standard Deviation = 48.967850

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.142
Std Dev = 0.02 Rel Std Dev = 15.62
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.524
Std Dev = 0.01 Rel Std Dev = 0.63
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.547
Std Dev = 0.02 Rel Std Dev = 0.58
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.894
Std Dev = 0.02 Rel Std Dev = 0.33
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.953
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -162.13
First Order Coef = 1331.33
Second Order Coef = 11.66
Standard Deviation = 39.216438

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	-0.0004
0.100	0.098	0.0016
0.200	0.201	-0.0011
0.400	0.400	0.0002

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0006
0.040	0.040	0.0002
0.100	0.099	0.0011
0.200	0.201	-0.0010
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 = 3373.00
Sample #2 = 3341.00
Sample #3 = 3398.00
Sample #4 = 3427.00
Average Result = 3388.6667
STD DEV = 43.7531
REL STD DEV = 1.291
****
***** CHANNEL 2
Sample #1 = 3231.00
Sample #2 = 3221.00
Sample #3 = 3236.00
Sample #4 = 3226.00
Average Result = 3227.6667
STD DEV = 7.6376
REL STD DEV = 0.237
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 421
9 um H20 Adjust (mg/l*10,000) = 582
**** AUTO CAL PASS

PGM
TBK

OPTICAL BENCH CALIBRATION
INSTRUMENT #
80-005468

POST CALIBRATION STABILITY CHECKS - INSTRUMENT #80-005468

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017 SN 80-005468
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:38
Control Test	0.050	10:39
Air Blank	0.000	10:40
Control Test	0.050	10:40
Air Blank	0.000	10:41
Control Test	0.051	10:42
Air Blank	0.000	10:42
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

SP
Operator's Signature

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017 SN 80-005468
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:48
Control Test	0.080	10:49
Air Blank	0.000	10:50
Control Test	0.080	10:50
Air Blank	0.000	10:51
Control Test	0.079	10:52
Air Blank	0.000	10:52
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

SP
Operator's Signature

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017 SN 80-005468
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:44
Control Test	0.195	10:44
Air Blank	0.000	10:45
Control Test	0.195	10:46
Air Blank	0.000	10:46
Control Test	0.196	10:47
Air Blank	0.000	10:47
Control Test Stats		
Average	0.1953	
Std Dev	0.0006	
Rel Std Dev(%)	0.2956	

SP
Operator's Signature

FORT MYERS PD
Intoxilyzer - Alcohol Analyzer
Model 8000
03/22/2017 SN 80-005468
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:53
Control Test	0.080	10:54
Air Blank	0.000	10:54
Control Test	0.081	10:54
Air Blank	0.000	10:55
Control Test	0.080	10:55
Air Blank	0.000	10:56
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DGS

SP
Operator's Signature

ODM
BK