



INSTRUMENT PROCESSING SHEET

Agency Mexico Beach PDS/N 80-001306Florida Department of
Law EnforcementDate In 11/6/17DI Completion Date 11/9/17☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By DP

☒ 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: Dry Gas attached
(Hand-Delivered)

Final Release Date

NOV 14 2017

Quality Checks Performed By PD/M

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 229
☒ Flow Verification (L/s)
Flow Column # ATP105
32 mm 1.144 (.139 - .169)
36 mm 1.164 (.156 - .190)
53 mm 1.242 (.228 - .278)
103 mm 1.511 (.447 - .547)

☒ Barometric Pressure CheckGauge ID # 28421☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	<u>SD3962</u>	<u>201707D</u> <u>7/25/19</u>
0.080	<u>SD1013</u>	<u>201707E</u> <u>7/25/19</u>
0.200	<u>DR3856</u>	<u>201707C</u> <u>7/24/19</u>
0.080 DGS	N/A	<u>AG626605</u> <u>9/22/18</u>

Flow Calibration Performed By PD/M

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 PD/M

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

Calibration Adjustment

Performed By PD/MBarometric Pressure Gauge 1015 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	<u>SD1016</u>	N/A	N/A
0.040	<u>SD1018</u>	<u>16320</u>	<u>10/12/18</u>
0.100	<u>G2834</u>	<u>17060</u>	<u>2/14/19</u>
0.200	<u>G2408</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>17817080R2</u>	<u>8/5/19</u>

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	<u>G2835</u>	<u>201707D</u>	<u>7/25/19</u>
0.080	<u>DR1279</u>	<u>201707E</u>	<u>7/25/19</u>
0.200	<u>SD1025</u>	<u>201707C</u>	<u>7/24/19</u>
0.080 DGS	N/A	<u>AG626605</u>	<u>9/22/18</u>

Notes/Suggested Service: _____

Department Inspection

Performed By PD/MBarometric Pressure ID# 28421Gauge 1014 Instrument 1014Mouth Alcohol Solution Lot # 2016-CAcetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	<u>G2880</u>
Interferent	<u>G2840</u>
0.050	<u>G2835</u>
0.080	<u>DR1279</u>
0.200	<u>SD1025</u>

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

SP 11/14/17 J. D. Doherty 11/14/17
Tech Review / Date Admin Review / Date

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:46
Control Test	0.050	13:47
Air Blank	0.000	13:48
Control Test	0.050	13:48
Air Blank	0.000	13:49
Control Test	0.050	13:50
Air Blank	0.000	13:50
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy
Operator's Signature

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:41
Control Test	0.081	13:42
Air Blank	0.000	13:42
Control Test	0.081	13:43
Air Blank	0.000	13:43
Control Test	0.082	13:44
Air Blank	0.000	13:45
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

P Murphy
Operator's Signature

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:58
Control Test	0.197	13:59
Air Blank	0.000	13:59
Control Test	0.196	14:00
Air Blank	0.000	14:00
Control Test	0.197	14:01
Air Blank	0.000	14:01
Control Test Stats		
Average	0.1967	
Std Dev	0.0006	
Rel Std Dev(%)	0.2936	

P Murphy
Operator's Signature

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
11/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:07
Control Test	0.084	14:07
Air Blank	0.000	14:07
Control Test	0.083	14:08
Air Blank	0.000	14:08
Control Test	0.083	14:09
Air Blank	0.000	14:09
Control Test Stats		
Average	0.0833	
Std Dev	0.0006	
Rel Std Dev(%)	0.6928	

DG5

P Murphy
Operator's Signature

SP

11/14/17
JD

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
11/09/2017 09:04:56

Auto Calibration
Max Power Res Value = 42
Auto Range Res Value = 25

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12731, 9um lo = 13320

Channel 1

Sample	% Abs	(% Abs Ref)
Sample #1	0.1450	(0.0120)
Sample #2	0.1440	(0.0300)
Sample #3	0.1530	(0.0740)
Sample #4	0.1290	(0.0900)
Avg % Abs	0.1420	(0.0647)
STD DEV	0.0121	(0.0311)
REL STD DEV	8.538	(48.046)

Channel 2

Sample	% Abs	(% Abs Ref)
Sample #1	0.1170	(0.0000)
Sample #2	0.1100	(0.0070)
Sample #3	0.1240	(0.0080)
Sample #4	0.1160	(0.0110)
Avg % Abs	0.1167	(0.0087)
STD DEV	0.0070	(0.0021)
REL STD DEV	6.020	(24.019)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12713, 9um lo = 13316

Channel 1

Sample	% Abs	(% Abs Ref)
Sample #1	0.8410	(-0.0240)
Sample #2	0.8410	(0.0050)
Sample #3	0.8070	(0.0520)
Sample #4	0.8480	(0.0560)
Avg % Abs	0.8320	(0.0377)
STD DEV	0.0219	(0.0284)
REL STD DEV	2.636	(75.294)

Channel 2

Sample	% Abs	(% Abs Ref)
Sample #1	1.5400	(-0.0010)
Sample #2	1.5330	(0.0000)
Sample #3	1.5420	(0.0050)
Sample #4	1.5410	(0.0210)
Avg % Abs	1.5387	(0.0087)
STD DEV	0.0049	(0.0110)
REL STD DEV	0.321	(126.573)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12706, 9um lo = 13310

Channel 1

Sample	% Abs	(% Abs Ref)
Sample #1	1.9100	(-0.0140)
Sample #2	1.8960	(0.0240)
Sample #3	1.9380	(0.0180)
Sample #4	1.9310	(0.0200)
Avg % Abs	1.9217	(0.0207)
STD DEV	0.0225	(0.0031)
REL STD DEV	1.171	(14.783)

Channel 2

Sample	% Abs	(% Abs Ref)
Sample #1	3.6780	(-0.0270)
Sample #2	3.6620	(-0.0110)
Sample #3	3.6560	(-0.0130)
Sample #4	3.6720	(-0.0210)
Avg % Abs	3.6633	(-0.0150)
STD DEV	0.0081	(0.0053)
REL STD DEV	0.221	(35.277)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12699, 9um lo = 13308

Channel 1

Sample	% Abs	(% Abs Ref)
Sample #1	3.6330	(-0.0090)
Sample #2	3.6330	(-0.0190)
Sample #3	3.6230	(-0.0120)
Sample #4	3.6440	(0.0090)
Avg % Abs	3.6333	(-0.0073)
STD DEV	0.0105	(0.0146)
REL STD DEV	0.289	(198.704)

Channel 2

Sample	% Abs	(% Abs Ref)
Sample #1	7.0130	(-0.0130)
Sample #2	7.0160	(-0.0210)
Sample #3	7.0380	(-0.0280)
Sample #4	7.0260	(-0.0160)
Avg % Abs	7.0267	(-0.0217)
STD DEV	0.0110	(0.0060)
REL STD DEV	0.157	(27.820)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12698, 9um lo = 13310

Channel 1

Sample	% Abs	(% Abs Ref)
Sample #1	5.3140	(-0.0220)
Sample #2	5.3230	(-0.0080)
Sample #3	5.2980	(0.0270)
Sample #4	5.3300	(0.0330)
Avg % Abs	5.3170	(0.0173)
STD DEV	0.0168	(0.0221)
REL STD DEV	0.316	(127.751)

Channel 2

Sample	% Abs	(% Abs Ref)
Sample #1	10.1610	(-0.0090)
Sample #2	10.2110	(-0.0010)
Sample #3	10.1950	(0.0240)
Sample #4	10.2430	(0.0240)
Avg % Abs	10.2163	(0.0157)
STD DEV	0.0244	(0.0144)
REL STD DEV	0.239	(92.130)

AUTO CAL DATA

Channel 1

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.142
Std Dev = 0.01 Rel Std Dev = 8.54
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.832
Std Dev = 0.02 Rel Std Dev = 2.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.922
Std Dev = 0.02 Rel Std Dev = 1.17
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.633
Std Dev = 0.01 Rel Std Dev = 0.29
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.317
Std Dev = 0.02 Rel Std Dev = 0.32
Zero Order Coef = -351.52
First Order Coef = 2635.34
Second Order Coef = 22.13
Standard Deviation = 31.620821

Channel 2

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.117
Std Dev = 0.01 Rel Std Dev = 6.02
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.539
Std Dev = 0.00 Rel Std Dev = 0.32
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.663
Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.027
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.216
Std Dev = 0.02 Rel Std Dev = 0.24
Zero Order Coef = -139.12
First Order Coef = 1298.24
Second Order Coef = 11.09
Standard Deviation = 12.614893

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0005
0.040	0.039	0.0010
0.100	0.101	-0.0007
0.200	0.200	0.0002
0.300	0.300	-0.0000

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11/14/17
JD

80-001306

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	-0.0001
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 = 3019.00
 Sample #2 = 3158.00
 Sample #3 = 3106.00
 Sample #4 = 3056.00
 Average Result = 3106.6667
 STD DEV = 51.0033
 REL STD DEV = 1.642

***** CHANNEL 2
 Sample #1 = 3474.00
 Sample #2 = 3480.00
 Sample #3 = 3443.00
 Sample #4 = 3465.00
 Average Result = 3462.6667
 STD DEV = 18.6100
 REL STD DEV = 0.537

Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1015
 3 um H2O Adjust (mg/l*10,000) = 703
 9 um H2O Adjust (mg/l*10,000) = 347
 **** AUTO CAL PASS

MEXICO BEACH PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001306
 11/09/2017
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:05
Control Test	0.049	10:06
Air Blank	0.000	10:06
Control Test	0.049	10:07
Air Blank	0.000	10:07
Control Test	0.050	10:08
Air Blank	0.000	10:09
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

P. Murphy
 Operator's Signature

MEXICO BEACH PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001306
 11/09/2017
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:00
Control Test	0.079	10:01
Air Blank	0.000	10:01
Control Test	0.080	10:02
Air Blank	0.000	10:03
Control Test	0.080	10:03
Air Blank	0.000	10:04
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

P. Murphy
 Operator's Signature

MEXICO BEACH PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001306
 11/09/2017
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:15
Control Test	0.200	10:16
Air Blank	0.000	10:16
Control Test	0.198	10:17
Air Blank	0.000	10:18
Control Test	0.199	10:18
Air Blank	0.000	10:19
Control Test Stats		
Average	0.1990	
Std Dev	0.0010	
Rel Std Dev(%)	0.5025	

P. Murphy
 Operator's Signature

MEXICO BEACH PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001306
 11/09/2017
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:21
Control Test	0.079	10:21
Air Blank	0.000	10:22
Control Test	0.078	10:22
Air Blank	0.000	10:23
Control Test	0.079	10:23
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS

P. Murphy
 Operator's Signature

11/14/17
 JD

Post
 Calibration
 Adjust
 Stabilities