FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Niceville PD S/N 80-001310

Date In 10/4/16 Date Out 10/4/16 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

RECEIVED OCT 10 2016 FDLE Alcohol Testing Program

Intake Performed By PWS

- ☐ Registration
- ☒ Annual
- ☐ Return from CMI
- ☐ Return from Enforcement
- ☐ 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 PWS

- ☒ Breath Tube Screen
- ☒ Replace O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 145
- ☒ Flow Verification (L/s)

Flow Column # AJP102

32mm	144	(.139 - .169)
36mm	164	(.156 - .190)
53mm	238	(.228 - .278)
103mm	571	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427 >1% 1001 1014

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1018	201507A 7/14/17
0.08	SD1011	201601F 1/26/18
0.20	SD1025	201604C 4/5/18
0.08 DGS	N/A	AG612405 5/3/18

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 PWS

- ☐ Optical Bench Calibration N/A
- ☒ Optical Bench Calibration Complete

Barometric Pressure Gauge 1012 ID # 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1024	126101	2/2/18
0.100	SD1013	160001	5/8/18
0.200	SD1012	160103	6/14/18
0.400	AG6624	160102	3/22/18
0.080 DGS	N/A	15615080442	7/5/17

- ☒ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD1018	201507A	7/14/17
0.08	SD1011	201601F	1/26/18
0.20	SD1025	201604C	4/5/18
0.08 DGS	N/A	AG612405	5/3/18

Department Inspection Performed By PWS

- ☒ Barometric Pressure 1014 Gauge
  ID# 28427 1011 Instrument

Mouth Alcohol Solution Lot # 2016-A

Acetone Stock Solution Lot # 2016-B

Simulator	Serial Number
0.00	SD1019
Interferent	SD1021
0.05	SD1018
0.08	SD1011
0.20	SD1025

Attachments

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

Notes: Calibrated Optical Bench for Barometric Pressure difference greater than 1% PWS

QC: SP

- ☒ **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**

T Scott Kirkland
Quality Control Review

10/10/16
Date

Revised November 2012

Stability Tests - Niceville PD #80-001310 10/4/16
Pre-Calibration

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:15
Control Test	0.049	10:16
Air Blank	0.000	10:17
Control Test	0.049	10:17
Air Blank	0.000	10:18
Control Test	0.049	10:18
Air Blank	0.000	10:19
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

PWS
Operator's Signature

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:20
Control Test	0.080	10:21
Air Blank	0.000	10:21
Control Test	0.080	10:22
Air Blank	0.000	10:22
Control Test	0.080	10:23
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

PWS
Operator's Signature

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:24
Control Test	0.197	10:25
Air Blank	0.000	10:26
Control Test	0.197	10:26
Air Blank	0.000	10:27
Control Test	0.196	10:28
Air Blank	0.000	10:28
Control Test Stats		
Average	0.1967	
Std Dev	0.0006	
Rel Std Dev(%)	0.2936	

PWS
Operator's Signature

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:30
Control Test	0.078	10:30
Air Blank	0.000	10:31
Control Test	0.078	10:31
Air Blank	0.000	10:31
Control Test	0.078	10:32
Air Blank	0.000	10:32
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

PWS SP BK
Operator's Signature

optical Touch
Calibration

Niceville PD
80-001310
10/4/16

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016 10:39:20

Auto Calibration
Max Power Res Value = 38
Auto Range Res Value = 26

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12871, 9um Io = 12918

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0560	(-0.0180)
Sample #2 =	0.0520	(0.0020)
Sample #3 =	0.0660	(0.0030)
Sample #4 =	0.0580	(0.0350)

Avg % Abs = 0.0587 (0.0133)
STD DEV = 0.0070 (0.0188)
REL STD DEV = 11.972 (140.779)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0730	(-0.0090)
Sample #2 =	0.0890	(-0.0040)
Sample #3 =	0.0810	(-0.0070)
Sample #4 =	0.0860	(-0.0070)

Avg % Abs = 0.0853 (-0.0060)
STD DEV = 0.0040 (0.0017)
REL STD DEV = 4.736 (28.868)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12862, 9um Io = 12917

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7210	(-0.0220)
Sample #2 =	0.7190	(-0.0120)
Sample #3 =	0.7360	(-0.0210)
Sample #4 =	0.7630	(-0.0170)

Avg % Abs = 0.7393 (-0.0167)
STD DEV = 0.0222 (0.0045)
REL STD DEV = 3.001 (27.055)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4510	(-0.0020)
Sample #2 =	1.4640	(-0.0150)
Sample #3 =	1.4740	(-0.0140)
Sample #4 =	1.4800	(-0.0100)

Avg % Abs = 1.4727 (-0.0130)
STD DEV = 0.0081 (0.0026)
REL STD DEV = 0.549 (20.352)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12859, 9um Io = 12916

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7870	(-0.0140)
Sample #2 =	1.7770	(-0.0200)
Sample #3 =	1.7900	(-0.0020)
Sample #4 =	1.7860	(-0.0090)

Avg % Abs = 1.7843 (-0.0103)
STD DEV = 0.0067 (0.0091)
REL STD DEV = 0.373 (87.811)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5570	(-0.0040)
Sample #2 =	3.5580	(-0.0030)
Sample #3 =	3.5570	(0.0040)
Sample #4 =	3.5790	(-0.0080)

Avg % Abs = 3.5647 (-0.0023)
STD DEV = 0.0124 (0.0060)
REL STD DEV = 0.349 (258.331)

Sol Value = 0.230 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12856, 9um Io = 12916

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4710	(-0.0100)
Sample #2 =	3.4770	(-0.0320)
Sample #3 =	3.4810	(-0.0050)
Sample #4 =	3.4760	(0.0000)

Avg % Abs = 3.4780 (-0.0123)
STD DEV = 0.0026 (0.0172)
REL STD DEV = 0.076 (139.576)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9050	(-0.0050)
Sample #2 =	6.9270	(-0.0060)
Sample #3 =	6.9150	(0.0140)
Sample #4 =	6.9210	(0.0130)

Avg % Abs = 6.9210 (0.0070)
STD DEV = 0.0060 (0.0113)
REL STD DEV = 0.087 (160.992)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12855, 9um Io = 12914

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.5450	(-0.0110)
Sample #2 =	6.5650	(0.0000)
Sample #3 =	6.5610	(0.0060)
Sample #4 =	6.5920	(0.0040)

Avg % Abs = 6.5727 (0.0033)
STD DEV = 0.0169 (0.0031)
REL STD DEV = 0.257 (91.652)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	12.7840	(0.0000)
Sample #2 =	12.8230	(0.0000)
Sample #3 =	12.8080	(0.0090)
Sample #4 =	12.8490	(0.0050)

Avg % Abs = 12.8267 (0.0047)
STD DEV = 0.0207 (0.0045)
REL STD DEV = 0.162 (96.627)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.059
Std Dev = 0.01 Rel Std Dev = 11.97
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.739
Std Dev = 0.02 Rel Std Dev = 3.00
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.784
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.478
Std Dev = 0.00 Rel Std Dev = 0.08
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.573
Std Dev = 0.02 Rel Std Dev = 0.26
Zero Order Coef = -110.70
First Order Coef = 2635.75
Second Order Coef = 42.25
Standard Deviation = 42.047478

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.085
Std Dev = 0.00 Rel Std Dev = 4.74
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.473
Std Dev = 0.01 Rel Std Dev = 0.55
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.565
Std Dev = 0.01 Rel Std Dev = 0.35
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.921
Std Dev = 0.01 Rel Std Dev = 0.09
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.827
Std Dev = 0.02 Rel Std Dev = 0.16
Zero Order Coef = -60.44
First Order Coef = 1280.93
Second Order Coef = 16.20
Standard Deviation = 50.657597

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0009
0.040	0.039	0.0009
0.100	0.099	0.0007
0.200	0.201	-0.0009
0.400	0.400	0.0002

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0010
0.040	0.039	0.0009
0.100	0.099	0.0011
0.200	0.201	-0.0012
0.400	0.400	0.0003

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3340.00
Sample #2 = 3285.00
Sample #3 = 3348.00
Sample #4 = 3330.00
Average Result = 3321.0000
STD DEV = 32.4500
REL STD DEV = 0.977
****
***** CHANNEL 2
Sample #1 = 3420.00
Sample #2 = 3385.00
Sample #3 = 3418.00
Sample #4 = 3442.00
Average Result = 3415.0000
STD DEV = 28.6182
REL STD DEV = 0.838
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1012
3 um H2O Adjust (mg/l*10,000) = 488
9 um H2O Adjust (mg/l*10,000) = 394
**** AUTO CAL PASS

BK
SP

Stability Tests - Niceville PD #80-001320 10/4/16
Post-Calibration

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:31
Control Test	0.050	11:32
Air Blank	0.000	11:32
Control Test	0.049	11:33
Air Blank	0.000	11:33
Control Test	0.050	11:34
Air Blank	0.000	11:35
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

JWS
Operator's Signature

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:26
Control Test	0.079	11:27
Air Blank	0.000	11:28
Control Test	0.080	11:28
Air Blank	0.000	11:29
Control Test	0.079	11:29
Air Blank	0.000	11:30
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

JWS
Operator's Signature

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:40
Control Test	0.198	11:41
Air Blank	0.000	11:41
Control Test	0.198	11:42
Air Blank	0.000	11:43
Control Test	0.197	11:43
Air Blank	0.000	11:44
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

JWS
Operator's Signature

NICEVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001310
10/04/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:36
Control Test	0.081	11:36
Air Blank	0.000	11:37
Control Test	0.081	11:37
Air Blank	0.000	11:38
Control Test	0.081	11:38
Air Blank	0.000	11:38
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP
JSK

JWS
Operator's Signature