FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Crestview P.D. S/N 80-005058

Date In 11/21/2016 Date Out 11/23/16 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

Intake Performed By TP

- ☐ 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 PGM

- ☒ Breath Tube Screen
- ☒ Replace O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 236
- ☒ Flow Verification (L/s)
  - Flow Column # ATP105
  - 32mm .160 (.139 - .169)
  - 36mm .183 (.156 - .190)
  - 53mm .246 (.228 - .278)
  - 103mm .492 (.447 - .547)
- ☒ Barometric Pressure Check
  - Gauge ID # 28427
- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1018	2015072A 7/14/17
0.08	SD1011	2016011F 1/26/18
0.20	SD1025	2016044C 4/5/18
0.08 DGS	N/A	A6626605 9/22/18

Flow Calibration Performed By

- ☒ Flow Calibration N/A
- ☐ Flow Calibration Complete

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  - 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 PGM

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

Barometric Pressure Gauge 1021 ID # 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1024	16101	2/2/18
0.100	SD1013	16001	5/8/18
0.200	SD1012	16103	6/4/18
0.400	G6621	16102	3/22/18
0.080 DGS	N/A	03H15080A1	3/5/17

☒ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD1018	2015072A	7/14/17
0.08	SD1011	2016011F	1/26/18
0.20	SD1025	2016044C	4/5/18
0.08 DGS	N/A	A6626605	9/22/18

Department Inspection Performed By PGM

- ☒ Barometric Pressure ID# 28427
  - 1021 Gauge
  - 1021 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: All values were within allowable range, cal adjusted to bring them closer to nominal

QC OK. BK

- ☒ **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

11/28/16
Date

Revised November 2012

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:54
Control Test	0.050	09:55
Air Blank	0.000	09:56
Control Test	0.051	09:56
Air Blank	0.000	09:57
Control Test	0.051	09:58
Air Blank	0.000	09:58

Control Test Stats

Average	0.0507
Std Dev	0.0006
Rel Std Dev(%)	1.1395

Operator's Signature

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:50
Control Test	0.081	09:51
Air Blank	0.000	09:51
Control Test	0.082	09:52
Air Blank	0.000	09:52
Control Test	0.081	09:53
Air Blank	0.000	09:53

Control Test Stats

Average	0.0813
Std Dev	0.0006
Rel Std Dev(%)	0.7099

Operator's Signature

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:59
Control Test	0.200	10:00
Air Blank	0.000	10:00
Control Test	0.200	10:01
Air Blank	0.000	10:02
Control Test	0.200	10:02
Air Blank	0.000	10:03

Control Test Stats

Average	0.2000
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:18
Control Test	0.083	10:18
Air Blank	0.000	10:18
Control Test	0.084	10:19
Air Blank	0.000	10:19
Control Test	0.083	10:20
Air Blank	0.000	10:20

Control Test Stats

Average	0.0833
Std Dev	0.0006
Rel Std Dev(%)	0.6928

DGS

Operator's Signature

PRE-CALIBRATION - ADJUSTMENT

SP BK

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016 10:21:41

Auto Calibration

Max Power Res Value = 37
Auto Range Res Value = 20

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12795, 9um Io = 12798

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0860	(0.0070)
Sample #2 =	0.1000	(0.0340)
Sample #3 =	0.0480	(0.1000)
Sample #4 =	0.0600	(0.1040)

Avg % Abs = 0.0693 (0.0793)
STD DEV = 0.0272 (0.0393)
REL STD DEV = 39.270 (49.551)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1410	(0.0120)
Sample #2 =	0.1640	(0.0000)
Sample #3 =	0.1490	(0.0150)
Sample #4 =	0.1420	(0.0220)

Avg % Abs = 0.1517 (0.0123)
STD DEV = 0.0112 (0.0112)
REL STD DEV = 7.411 (91.134)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12777, 9um Io = 12794

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8070	(-0.0120)
Sample #2 =	0.8180	(0.0190)
Sample #3 =	0.7720	(0.0540)
Sample #4 =	0.8030	(0.0420)

Avg % Abs = 0.7977 (0.0383)
STD DEV = 0.0235 (0.0178)
REL STD DEV = 2.941 (46.398)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5770	(-0.0060)
Sample #2 =	1.5640	(0.0140)
Sample #3 =	1.5630	(0.0230)
Sample #4 =	1.5580	(0.0280)

Avg % Abs = 1.5617 (0.0217)
STD DEV = 0.0032 (0.0071)
REL STD DEV = 0.206 (32.744)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12769, 9um Io = 12790

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9530	(-0.0190)
Sample #2 =	1.9530	(-0.0030)
Sample #3 =	1.9090	(0.0330)
Sample #4 =	1.9040	(0.0460)

Avg % Abs = 1.9220 (0.0253)
STD DEV = 0.0270 (0.0254)
REL STD DEV = 1.403 (100.199)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6920	(-0.0020)
Sample #2 =	3.6870	(0.0030)
Sample #3 =	3.6840	(0.0140)
Sample #4 =	3.6610	(0.0310)

Avg % Abs = 3.6773 (0.0160)
STD DEV = 0.0142 (0.0141)
REL STD DEV = 0.387 (88.167)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12763, 9um Io = 12786

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7210	(-0.0080)
Sample #2 =	3.7590	(-0.0060)
Sample #3 =	3.7470	(-0.0020)
Sample #4 =	3.7580	(0.0020)

Avg % Abs = 3.7547 (-0.0028)
STD DEV = 0.0067 (0.0040)
REL STD DEV = 0.177 (200.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0650	(-0.0190)
Sample #2 =	7.0800	(0.0020)
Sample #3 =	7.0800	(0.0000)
Sample #4 =	7.1000	(-0.0020)

Avg % Abs = 7.0867 (0.0000)
STD DEV = 0.0115 (0.0020)
REL STD DEV = 0.163 (0.000)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12761, 9um Io = 12785

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.1110	(-0.0120)
Sample #2 =	7.1340	(-0.0030)
Sample #3 =	7.1060	(0.0340)
Sample #4 =	7.1230	(0.0170)

Avg % Abs = 7.1210 (0.0160)
STD DEV = 0.0141 (0.0185)
REL STD DEV = 0.198 (115.752)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	13.0810	(0.0090)
Sample #2 =	13.1010	(0.0230)
Sample #3 =	13.1440	(0.0140)
Sample #4 =	13.1210	(0.0190)

Avg % Abs = 13.1220 (0.0187)
STD DEV = 0.0215 (0.0045)
REL STD DEV = 0.164 (24.157)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.069
Std Dev = 0.03 Rel Std Dev = 39.27
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.798
Std Dev = 0.02 Rel Std Dev = 2.94
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.922
Std Dev = 0.03 Rel Std Dev = 1.40
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.755
Std Dev = 0.01 Rel Std Dev = 0.18
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 7.121
Std Dev = 0.01 Rel Std Dev = 0.20
Zero Order Coef = -124.01
First Order Coef = 2460.22
Second Order Coef = 32.39
Standard Deviation = 44.500751

SP

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.152
Std Dev = 0.01 Rel Std Dev = 7.41
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.562
Std Dev = 0.00 Rel Std Dev = 0.21
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.677
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.087
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 13.122
Std Dev = 0.02 Rel Std Dev = 0.16
Zero Order Coef = -148.11
First Order Coef = 1267.21
Second Order Coef = 14.84
Standard Deviation = 47.065220

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0010
0.040	0.039	0.0010
0.100	0.099	0.0008
0.200	0.201	-0.0010
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	-0.0009
0.040	0.039	0.0008
0.100	0.099	0.0010
0.200	0.201	-0.0011
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 = 3411.00
Sample #2 = 3401.00
Sample #3 = 3425.00
Sample #4 = 3411.00
Average Result = 3412.3333
STD DEV = 12.0554
REL STD DEV = 0.353
****
***** CHANNEL 2
Sample #1 = 3417.00
Sample #2 = 3378.00
Sample #3 = 3417.00
Sample #4 = 3414.00
Average Result = 3403.0000
STD DEV = 21.7025
REL STD DEV = 0.638
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1022
3 um H2O Adjust (mg/l*10,000) = 397
9 um H2O Adjust (mg/l*10,000) = 406
**** AUTO CAL PASS

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:02
Control Test	0.050	11:03
Air Blank	0.000	11:04
Control Test	0.051	11:04
Air Blank	0.000	11:05
Control Test	0.050	11:05
Air Blank	0.000	11:06
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

POST CAL

Operator's Signature

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:14
Control Test	0.080	11:15
Air Blank	0.000	11:15
Control Test	0.080	11:16
Air Blank	0.000	11:16
Control Test	0.081	11:17
Air Blank	0.000	11:18
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

POST CAL

Operator's Signature

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.197	11:22
Air Blank	0.000	11:23
Control Test	0.198	11:23
Air Blank	0.000	11:24
Control Test	0.198	11:24
Air Blank	0.000	11:25
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

POST CAL

Operator's Signature

CRESTVIEW PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005058
11/21/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:26
Control Test	0.080	11:26
Air Blank	0.000	11:27
Control Test	0.079	11:27
Air Blank	0.000	11:28
Control Test	0.080	11:28
Air Blank	0.000	11:28
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

BK

POST CAL

DGS

SP

Operator's Signature