FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Clearwater PD S/N 80-001740

Date In 3/1/17 Date Out 3/8/17 ☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

RECEIVED MAR 09 2017 FDLE Alcohol Testing Program

Intake Performed By DS

- ☐ 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 KMB

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 170
- ☑ Flow Verification (L/s)

Flow Column # ATP102

32mm	0.148	(.139 - .169)
36mm	0.167	(.156 - .190)
53mm	0.238	(.228 - .278)
103mm	0.503	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 26932

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	DR2035	201603D 3/8/18
0.08	SD1011	201601F 1/26/18
0.20	SD1025	201604C 4/5/18
0.08 DGS	N/A	AG626605 9/22/18

Flow Calibration Performed By

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

Flow Column # Alcohol Testing Program
- ☐ 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 KMB

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

Barometric Pressure Gauge 1028 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1024	16101	2/2/18
0.100	SD1022	16001	5/8/18
0.200	DR3855	16103	6/14/18
0.400	G2407	16102	3/22/18
0.080 DGS	N/A	D3415080A1	3/5/17

- ☑ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	DR2035	201603D	3/8/18
0.08	SD1011	201601F	1/26/18
0.20	SD1025	201604C	4/5/18
0.08 DGS	N/A	AG626605	9/22/18

Department Inspection Performed By KMB

- ☑ Barometric Pressure ID# 28421 — 1021 Gauge / 1022 Instrument

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	G2879
Interferent	G8144
0.05	G11739
0.08	G8149
0.20	G11621

Attachments

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

Notes: Performed optical bench calibration adjustment to bring values closer to nominal. KMB

QA/QC OK 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

Brett Hurkland
Quality Control Review

3/9/17
Date

Revised November 2012

Pre-Cal

Stability Checks #80-001740 Clearwater P.D. 3/3/17 DDB

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:41
Control Test	0.051	12:42
Air Blank	0.000	12:42
Control Test	0.050	12:43
Air Blank	0.000	12:43
Control Test	0.051	12:44
Air Blank	0.000	12:45
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

Operator's Signature

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:47
Control Test	0.082	12:47
Air Blank	0.000	12:48
Control Test	0.082	12:49
Air Blank	0.000	12:49
Control Test	0.082	12:50
Air Blank	0.000	12:50
Control Test Stats		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:52
Control Test	0.199	12:52
Air Blank	0.000	12:53
Control Test	0.200	12:53
Air Blank	0.000	12:54
Control Test	0.199	12:55
Air Blank	0.000	12:55
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

Operator's Signature

DGS

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:57
Control Test	0.079	12:57
Air Blank	0.000	12:58
Control Test	0.078	12:58
Air Blank	0.000	12:59
Control Test	0.079	12:59
Air Blank	0.000	13:00
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

BK

SP

Operator's Signature

Optical bench calibration data #80-001740 Clearwater P.D. 3/3/17 @205

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017 14:20:20

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 23

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12607, 9um Io = 13853

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1560	(-0.0170)
Sample #2 =	0.1340	(0.0180)
Sample #3 =	0.1390	(0.0130)
Sample #4 =	0.1290	(0.0550)

Avg % Abs = 0.1340 (0.0287)
STD DEV = 0.0050 (0.0229)
REL STD DEV = 3.731 (80.030)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1500	(-0.0140)
Sample #2 =	0.1630	(-0.0050)
Sample #3 =	0.1630	(-0.0120)
Sample #4 =	0.1510	(0.0020)

Avg % Abs = 0.1590 (-0.0050)
STD DEV = 0.0069 (0.0070)
PEL STD DEV = 4.357 (140.000)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12597, 9um Io = 13850

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8190	(-0.0180)
Sample #2 =	0.8280	(0.0070)
Sample #3 =	0.8250	(0.0160)
Sample #4 =	0.8350	(0.0030)

Avg % Abs = 0.8293 (0.0087)
STD DEV = 0.0051 (0.0067)
REL STD DEV = 0.619 (76.827)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5340	(-0.0140)
Sample #2 =	1.5450	(0.0000)
Sample #3 =	1.5420	(0.0020)
Sample #4 =	1.5260	(0.0040)

Avg % Abs = 1.5377 (0.0020)
STD DEV = 0.0102 (0.0020)
REL STD DEV = 0.664 (100.000)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12594, 9um Io = 13849

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8950	(-0.0220)
Sample #2 =	1.8730	(0.0000)
Sample #3 =	1.9060	(-0.0010)
Sample #4 =	1.8650	(0.0080)

Avg % Abs = 1.8813 (0.0023)
STD DEV = 0.0217 (0.0049)
REL STD DEV = 1.155 (211.409)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5830	(-0.0140)
Sample #2 =	3.5880	(-0.0070)
Sample #3 =	3.5880	(0.0000)
Sample #4 =	3.5930	(0.0020)

Avg % Abs = 3.5897 (-0.0017)
STD DEV = 0.0029 (0.0047)
REL STD DEV = 0.080 (283.549)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12590, 9um Io = 13848

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5660	(-0.0240)
Sample #2 =	3.5360	(-0.0080)
Sample #3 =	3.5520	(0.0060)
Sample #4 =	3.5480	(-0.0060)

Avg % Abs = 3.5453 (-0.0027)
STD DEV = 0.0083 (0.0076)
REL STD DEV = 0.235 (283.945)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8810	(-0.0100)
Sample #2 =	6.8690	(0.0020)
Sample #3 =	6.8600	(0.0140)
Sample #4 =	6.8610	(0.0060)

Avg % Abs = 6.8633 (0.0073)
STD DEV = 0.0049 (0.0061)
REL STD DEV = 0.072 (83.320)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12588, 9um Io = 13849

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7070	(-0.0190)
Sample #2 =	6.7550	(-0.0060)
Sample #3 =	6.7710	(0.0100)
Sample #4 =	6.7610	(0.0170)

Avg % Abs = 6.7623 (0.0070)
STD DEV = 0.0081 (0.0118)
REL STD DEV = 0.120 (168.426)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	12.8130	(0.0030)
Sample #2 =	12.8610	(0.0280)
Sample #3 =	12.8710	(0.0290)
Sample #4 =	12.8710	(0.0390)

Avg % Abs = 12.8677 (0.0320)
STD DEV = 0.0058 (0.0061)
REL STD DEV = 0.045 (19.009)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.134
Std Dev = 0.00 Rel Std Dev = 3.73
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.829
Std Dev = 0.01 Rel Std Dev = 0.62
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.881
Std Dev = 0.02 Rel Std Dev = 1.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.545
Std Dev = 0.01 Rel Std Dev = 0.23
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.762
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -359.02
First Order Coef = 2686.64
Second Order Coef = 27.14
Standard Deviation = 19.043007

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.159
Std Dev = 0.01 Rel Std Dev = 4.36
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.538
Std Dev = 0.01 Rel Std Dev = 0.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.590
Std Dev = 0.00 Rel Std Dev = 0.08
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.863
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.868
Std Dev = 0.01 Rel Std Dev = 0.04
Zero Order Coef = -192.58
First Order Coef = 1330.83
Second Order Coef = 12.75
Standard Deviation = 18.191330

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	0.0004
0.100	0.101	-0.0006
0.200	0.200	0.0003
0.400	0.400	-0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0004
0.040	0.040	0.0004
0.100	0.100	0.0003
0.200	0.200	-0.0004
0.400	0.400	0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3031.00
Sample #2 = 3086.00
Sample #3 = 3144.00
Sample #4 = 3036.00
Average Result = 3088.6667
STD DEV = 54.0494
REL STD DEV = 1.750
****
***** CHANNEL 2
Sample #1 = 3376.00
Sample #2 = 3377.00
Sample #3 = 3383.00
Sample #4 = 3364.00
Average Result = 3374.6667
STD DEV = 9.7125
REL STD DEV = 0.288
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1027
3 um H2O Adjust (mg/l*10,000) = 721
9 um H2O Adjust (mg/l*10,000) = 435
**** AUTO CAL PASS

BK

Post-Cal Stability Checks #80-001740 Clearwater P.D. 3/3/17 KMB

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	20:15
Control Test	0.050	20:16
Air Blank	0.000	20:17
Control Test	0.050	20:17
Air Blank	0.000	20:18
Control Test	0.049	20:19
Air Blank	0.000	20:19
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

KMB
Operator's Signature

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	20:20
Control Test	0.080	20:21
Air Blank	0.000	20:21
Control Test	0.081	20:22
Air Blank	0.000	20:22
Control Test	0.081	20:23
Air Blank	0.000	20:24
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

KMB
Operator's Signature

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	20:32
Control Test	0.197	20:33
Air Blank	0.000	20:33
Control Test	0.198	20:34
Air Blank	0.000	20:35
Control Test	0.198	20:35
Air Blank	0.000	20:36
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

KMB
Operator's Signature

SP

DGS

CLEARWATER PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001740
03/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	20:25
Control Test	0.082	20:25
Air Blank	0.000	20:26
Control Test	0.082	20:26
Air Blank	0.000	20:26
Control Test	0.082	20:27
Air Blank	0.000	20:27
Control Test Stats		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

BK

KMB
Operator's Signature

FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Clearwater PD S/N 80-0017740

Date In 12/28/16 Date Out 1/6/17 ☐Ship ☐P/U ☐H/D ☐CMI ☑EE

RECEIVED
MAR 09 2017
FDLE
Alcohol Testing Program

Intake Performed By TR

- ☐ 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 DMB

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

Flow Column #_____

32mm _____ (.139 - .169)
36mm _____ (.156 - .190)
53mm _____ (.228 - .278)
103mm _____ (.447 - .547)

- ☐ Barometric Pressure Check

Gauge ID #_____

- ☐ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05		
0.08		
0.20		
0.08 DGS	N/A	

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 _____

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

Barometric Pressure Gauge _____ ID #_____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.400			
0.080 DGS	N/A		

- ☐ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05			
0.08			
0.20			
0.08 DGS	N/A		

Department Inspection Performed By _____

- ☐ Barometric Pressure _____ Gauge ID# _____ _____ Instrument

Mouth Alcohol Solution Lot # _____

Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.00	
Interferent	
0.05	
0.08	
0.20	

Attachments

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

Notes: Modem Test on Diagnostic checks failing. Coupled w/ Results from last AI - recommend repair.

- ☐ **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**

_____ Quality Control Review

_____ Date

Revised November 2012