FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Orange City PD S/N 80-001159

Date In 8/3/17 Date Out 9/1/2017 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

RECEIVED SEP 13 2017 FDLE Alcohol Testing Program

Intake Performed By [illegible]

- ☐ Registration
- ☑ Annual
- ☑ Return from CMI
- ☐ Return from Enforcement Electronics
- ☐ Other

Visual Inspection:

ok Case	___ 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 Static Bag

Notes: Right side of handle not attached to instrument.

Quality Checks Performed By GJM

- ☒ Lab Temp °C 22.1
- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value .226
- ☒ Flow Verification (L/s)

Flow Column # ATP102

32mm	.160	(.139 - .169)
36mm	.175	(.156 - .190)
53mm	.246	(.228 - .278)
103mm	.511	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 26932

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD3962	20170TD 7/25/19
0.08	SD1013	20170TE 7/25/19
0.20	SD3933	20170TC 7/24/19
0.08 DGS	N/A	AG619605 7/14/18

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

Quality Checks Cont. Performed By GJM

Simulator Temperatures °C

External Digital Therm. ID#: 200505

- ☒ 34°C +-.2 Serial #: SD3962
- ☒ 34°C +-.2 Serial #: SD1013
- ☒ 34°C +-.2 Serial #: SD3933

Calibration Adjustment Performed By ____

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

Barometric Pressure Gauge ____ ID # ____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

- ☐ Post Calibration Adjustment Stability Checks

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

Department Inspection Performed By GJM

- ☒ Barometric Pressure ID# 26932 — 1014 Gauge / 1013 Instrument

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	SD1019
Interferent	SD1021
0.05	SD3962
0.08	SD1013
0.20	SD3933

Attachments

- ☒ Form 41
- ☒ Pre-Stability Tests
- ☐ Flow Calibration
- ☐ Calibration Adjustment
- ☐ Post-Stability Tests
- ☑ Other form 40

Notes/Suggested Service:

DC RMS 9/13/17

JJ Graham — Quality Control Review — 9/13/17 Date

- ☒ **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**

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
08/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:32
Control Test	0.050	13:32
Air Blank	0.000	13:33
Control Test	0.050	13:33
Air Blank	0.000	13:34
Control Test	0.049	13:35
Air Blank	0.000	13:35
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

P Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
08/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:26
Control Test	0.081	13:27
Air Blank	0.000	13:28
Control Test	0.082	13:28
Air Blank	0.000	13:29
Control Test	0.080	13:29
Air Blank	0.000	13:30
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel Std Dev(%)	1.2346	

P Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
08/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:21
Control Test	0.196	13:22
Air Blank	0.000	13:23
Control Test	0.198	13:23
Air Blank	0.000	13:24
Control Test	0.200	13:24
Air Blank	0.000	13:25
Control Test Stats		
Average	0.1980	
Std Dev	0.0020	
Rel Std Dev(%)	1.0101	

P Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
08/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:58
Control Test	0.082	13:58
Air Blank	0.000	13:58
Control Test	0.083	13:59
Air Blank	0.000	13:59
Control Test	0.083	13:59
Air Blank	0.000	14:00
Control Test Stats		
Average	0.0827	
Std Dev	0.0006	
Rel Std Dev(%)	0.6984	

DGS

P Murphy
Operator's Signature

9/13/17
JD

FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Orange City S/N 80-001159

Date In 2/24/17 Date Out 2/28/17 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

RECEIVED MAR 14 2017 FDLE Alcohol Testing Program

Intake Performed By [illegible]

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

Visual Inspection:

- OK Case
- OK Dry Gas Holder
- OK Keyboard/Plug
- OK Screws tight
- OK Handle
- OK Feet
- OK Back/Plugs
- OK Breath Hose

Other Equipment:

- ☒ Power cord
- ☐ Printer Cable
- ☒ Other Static Bag

Notes:

Quality Checks Performed By RPM

- ☒ Breath Tube Screen
- ☒ Replace O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 220
- ☒ Flow Verification (L/s)

Flow Column # ATP102

32mm	.160	(.139 - .169)
36mm	.121	(.156 - .190)
53mm	.238	(.228 - .278)
103mm	.503	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 26932

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	G11739	201603D 3/8/18
0.08	G8149	201601F 1/26/18
0.20	G11621	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 #

- ☐ 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 RPM

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

Barometric Pressure Gauge 1024 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	15615080A2	7/5/17

☒ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	G11739	201603D	3/8/18
0.08	G8149	201601F	1/26/18
0.20	G11621	RPM 201604C 2/26/18	4/5/18
0.08 DGS	N/A	AG626605	9/22/18

Department Inspection Performed By RPM

☒ Barometric Pressure ID# 26932 — 1024 Gauge / 1024 Instrument

Mouth Alcohol Solution Lot # 2016-A

Acetone Stock Solution Lot # 2016-B

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 form 40

Notes: DC + DMS

- ☒ **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

3/14/17
Date

Revised November 2012

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
02/28/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:28
Control Test	0.051	09:28
Air Blank	0.000	09:29
Control Test	0.049	09:30
Air Blank	0.000	09:30
Control Test	0.050	09:31
Air Blank	0.000	09:31

Control Test Stats

Average	0.0500
Std Dev	0.0010
Rel Std Dev(%)	2.0000

P O Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
02/28/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:23
Control Test	0.082	09:24
Air Blank	0.000	09:24
Control Test	0.081	09:25
Air Blank	0.000	09:25
Control Test	0.082	09:26
Air Blank	0.000	09:27

Control Test Stats

Average	0.0817
Std Dev	0.0006
Rel Std Dev(%)	0.7070

P O Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
02/28/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:37
Control Test	0.201	09:38
Air Blank	0.000	09:39
Control Test	0.201	09:39
Air Blank	0.000	09:40
Control Test	0.200	09:40
Air Blank	0.000	09:41

Control Test Stats

Average	0.2007
Std Dev	0.0006
Rel Std Dev(%)	0.2877

P O Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
02/28/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:33
Control Test	0.078	09:33
Air Blank	0.000	09:34
Control Test	0.078	09:34
Air Blank	0.000	09:35
Control Test	0.079	09:35
Air Blank	0.000	09:36

Control Test Stats

Average	0.0783
Std Dev	0.0006
Rel Std Dev(%)	0.7370

DGS

P O Murphy
Operator's Signature

RDS
1-K

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
03/07/2017 10:03:28

Auto Calibration
Max Power Res Value = 28
Auto Range Res Value = 16

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12714, 9um Io = 14233

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1100	(-0.0160)
Sample #2 =	0.1040	(0.0370)
Sample #3 =	0.0970	(0.0440)
Sample #4 =	0.1060	(0.0510)
Avg % Abs =	0.1023	(0.0440)
STD DEV =	0.0047	(0.0070)
REL STD DEV =	4.618	(15.909)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0960	(-0.0100)
Sample #2 =	0.1090	(0.0030)
Sample #3 =	0.0870	(-0.0060)
Sample #4 =	0.1120	(0.0000)
Avg % Abs =	0.1027	(-0.0010)
STD DEV =	0.0137	(0.0046)
REL STD DEV =	13.296	(458.258)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12701, 9um Io = 14233

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8020	(-0.0390)
Sample #2 =	0.7800	(-0.0090)
Sample #3 =	0.8020	(0.0100)
Sample #4 =	0.7860	(0.0320)
Avg % Abs =	0.7893	(0.0110)
STD DEV =	0.0114	(0.0205)
REL STD DEV =	1.441	(186.530)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5010	(0.0090)
Sample #2 =	1.5160	(0.0080)
Sample #3 =	1.5000	(0.0380)
Sample #4 =	1.5030	(0.0420)
Avg % Abs =	1.5063	(0.0293)
STD DEV =	0.0085	(0.0186)
REL STD DEV =	0.565	(63.352)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12692, 9um Io = 14223

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8130	(-0.0250)
Sample #2 =	1.8590	(-0.0320)
Sample #3 =	1.8550	(-0.0280)
Sample #4 =	1.8140	(0.0030)
Avg % Abs =	1.8427	(-0.0190)
STD DEV =	0.0249	(0.0192)
REL STD DEV =	1.352	(100.828)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5730	(-0.0190)
Sample #2 =	3.5720	(-0.0150)
Sample #3 =	3.6020	(-0.0310)
Sample #4 =	3.5660	(0.0000)
Avg % Abs =	3.5800	(-0.0153)
STD DEV =	0.0193	(0.0155)
REL STD DEV =	0.539	(101.104)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12689, 9um Io = 14222

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4680	(-0.0090)
Sample #2 =	3.4990	(0.0000)
Sample #3 =	3.5160	(-0.0100)
Sample #4 =	3.5330	(-0.0140)
Avg % Abs =	3.5160	(-0.0080)
STD DEV =	0.0170	(0.0072)
REL STD DEV =	0.484	(90.139)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8490	(0.0060)
Sample #2 =	6.9100	(0.0050)
Sample #3 =	6.9090	(0.0090)
Sample #4 =	6.9140	(0.0110)
Avg % Abs =	6.9110	(0.0083)
STD DEV =	0.0026	(0.0031)
REL STD DEV =	0.038	(36.661)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12686, 9um Io = 14221

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7140	(-0.0060)
Sample #2 =	6.6390	(0.0630)
Sample #3 =	6.6570	(0.0740)
Sample #4 =	6.6670	(0.0770)
Avg % Abs =	6.6543	(0.0713)
STD DEV =	0.0142	(0.0074)
REL STD DEV =	0.213	(10.333)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	12.9620	(0.0010)
Sample #2 =	12.9400	(0.0260)
Sample #3 =	12.9610	(0.0370)
Sample #4 =	12.9640	(0.0410)
Avg % Abs =	12.9550	(0.0347)
STD DEV =	0.0131	(0.0078)
REL STD DEV =	0.101	(22.406)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.102
Std Dev = 0.00 Rel Std Dev = 4.62
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.789
Std Dev = 0.01 Rel Std Dev = 1.44
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.843
Std Dev = 0.02 Rel Std Dev = 1.35
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.516
Std Dev = 0.02 Rel Std Dev = 0.48
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.654
Std Dev = 0.01 Rel Std Dev = 0.21
Zero Order Coef = -247.01
First Order Coef = 2651.15
Second Order Coef = 37.26
Standard Deviation = 22.599211

80-001159

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.103
Std Dev = 0.01 Rel Std Dev = 13.30
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.506
Std Dev = 0.01 Rel Std Dev = 0.56
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.580
Std Dev = 0.02 Rel Std Dev = 0.54
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.911
Std Dev = 0.00 Rel Std Dev = 0.04
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.955
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -111.93
First Order Coef = 1306.60
Second Order Coef = 13.26
Standard Deviation = 24.152010

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0005
0.040	0.039	0.0008
0.100	0.100	-0.0001
0.200	0.200	-0.0002
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	-0.0005
0.040	0.040	0.0004
0.100	0.099	0.0006
0.200	0.201	-0.0006
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 = 3021.00
Sample #2 = 3080.00
Sample #3 = 3093.00
Sample #4 = 3018.00
Average Result = 3063.6667
STD DEV = 40.0791
REL STD DEV = 1.308
****
***** CHANNEL 2
Sample #1 = 3445.00
Sample #2 = 3440.00
Sample #3 = 3455.00
Sample #4 = 3415.00
Average Result = 3436.6667
STD DEV = 20.2073
REL STD DEV = 0.588
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1024
3 um H20 Adjust (mg/l*10,000) = 746
9 um H20 Adjust (mg/l*10,000) = 373
**** AUTO CAL PASS

KDB
TSK

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
03/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:45
Control Test	0.049	10:46
Air Blank	0.000	10:47
Control Test	0.050	10:47
Air Blank	0.000	10:48
Control Test	0.050	10:49
Air Blank	0.000	10:49
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
03/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:50
Control Test	0.080	10:51
Air Blank	0.000	10:51
Control Test	0.079	10:52
Air Blank	0.000	10:53
Control Test	0.080	10:53
Air Blank	0.000	10:54
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
03/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:41
Control Test	0.195	10:42
Air Blank	0.000	10:42
Control Test	0.196	10:43
Air Blank	0.000	10:44
Control Test	0.197	10:44
Air Blank	0.000	10:45
Control Test Stats		
Average	0.1960	
Std Dev	0.0010	
Rel Std Dev(%)	0.5102	

Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
03/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:55
Control Test	0.080	10:56
Air Blank	0.000	10:56
Control Test	0.080	10:56
Air Blank	0.000	10:57
Control Test	0.080	10:57
Air Blank	0.000	10:58
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

065

Operator's Signature

POST CALIBRATION - ADJUST
STABILITIES

RK

RKB