FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Dade City PD S/N 80-005477

Date In 4/24/17 Date Out 5/9/17 ☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

RECEIVED MAY 09 2017 FDLE Alcohol Testing Program

Intake — Performed By

- ☐ 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 RMS

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 196
- ☑ Flow Verification (L/s)

Flow Column # ATP105

32mm 0.144 (.139 - .169)
36mm 0.164 (.156 - .190)
53mm 0.234 (.228 - .278)
103mm 0.503 (.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28427

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	G3709	201603D 3/8/18
0.08	DR1279	201611B 11/15/18
0.20	DR3856	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 RMS

- ☑ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other

Suggested Service

Optical Bench Calibration — Performed By RMS

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

Barometric Pressure Gauge 1016 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1024	16108	12/8/18
0.100	G11739	16001	5/8/18
0.200	SD1012	16103	6/14/18
0.400	G4444	16102	3/22/18
0.080 DGS	N/A	15G15080A2	7/5/17

- ☑ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	G3709	201603D	3/8/18
0.08	DR1279	201611B	11/15/18
0.20	DR3856	201604C	4/5/18
0.08 DGS	N/A	AG626604	9/22/18

Department Inspection — Performed By RMS

- ☐ Barometric Pressure

ID# 26932 — 1017 Gauge; 1016 Instrument

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	G2880
Interferent	G2834
0.05	G3709
0.08	DR1279
0.20	DR3856

Attachments

- ☑ Form 41
- ☑ Pre-Stability Tests
- ☐ Flow Calibration
- ☑ Optical Bench Cal
- ☑ Post-Stability Tests
- ☑ Other Form 40

Notes: Please change menu level 2 password to something unique. RMS Optical bench calibration adjustment performed to bring values closer to nominal. RMS

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**

Quality Control Review — Date 5/9/17

Revised November 2012

Pre-Cal Adjust

Stability Checks #80-005477 Dade City P.D. 5/3/17 RMB

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:13
Control Test	0.047	14:13
Air Blank	0.000	14:14
Control Test	0.047	14:15
Air Blank	0.000	14:15
Control Test	0.047	14:16
Air Blank	0.000	14:16
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

RMB
Operator's Signature

SP

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:56
Control Test	0.076	13:57
Air Blank	0.000	13:57
Control Test	0.077	13:58
Air Blank	0.000	13:58
Control Test	0.076	13:59
Air Blank	0.000	14:00
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

RMB
Operator's Signature

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:50
Control Test	0.196	13:51
Air Blank	0.000	13:51
Control Test	0.195	13:52
Air Blank	0.000	13:53
Control Test	0.196	13:53
Air Blank	0.000	13:54
Control Test Stats		
Average	0.1957	
Std Dev	0.0006	
Rel Std Dev(%)	0.2951	

RMB
Operator's Signature

DGS

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/03/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:03
Control Test	0.078	14:03
Air Blank	0.000	14:04
Control Test	0.078	14:04
Air Blank	0.000	14:05
Control Test	0.078	14:05
Air Blank	0.000	14:05
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

RMB
Operator's Signature

Optical Bench Calibration Adjustment Data #80-005477 Dade City P.D. 5/9/17

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/09/2017 09:48:04

Auto Calibration
Max Power Res Value = 18
Auto Range Res Value = 4

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12510, 9um Io = 13039

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0430	(-0.0070)
Sample #2 =	0.0450	(0.0100)
Sample #3 =	0.0630	(0.0000)
Sample #4 =	0.0650	(0.0060)

Avg % Abs = 0.0577 (0.0053)
STD DEV = 0.0110 (0.0050)
REL STD DEV = 19.101 (94.373)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1530	(-0.0230)
Sample #2 =	0.1680	(-0.0130)
Sample #3 =	0.1550	(-0.0180)
Sample #4 =	0.1370	(-0.0150)

Avg % Abs = 0.1533 (-0.0153)
STD DEV = 0.0156 (0.0025)
REL STD DEV = 10.152 (16.413)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12503, 9um Io = 13037

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7420	(-0.0020)
Sample #2 =	0.7360	(0.0150)
Sample #3 =	0.7370	(0.0300)
Sample #4 =	0.7780	(0.0130)

Avg % Abs = 0.7503 (0.0193)
STD DEV = 0.0240 (0.0093)
REL STD DEV = 3.194 (48.060)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4600	(-0.0110)
Sample #2 =	1.4810	(-0.0160)
Sample #3 =	1.4840	(-0.0120)
Sample #4 =	1.4820	(-0.0230)

Avg % Abs = 1.4823 (-0.0170)
STD DEV = 0.0015 (0.0056)
REL STD DEV = 0.103 (32.752)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12497, 9um Io = 13039

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8360	(-0.0020)
Sample #2 =	1.8420	(0.0110)
Sample #3 =	1.8640	(0.0000)
Sample #4 =	1.8930	(0.0030)

Avg % Abs = 1.8663 (0.0047)
STD DEV = 0.0256 (0.0057)
REL STD DEV = 1.371 (121.848)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5840	(-0.0030)
Sample #2 =	3.5720	(0.0240)
Sample #3 =	3.5590	(0.0160)
Sample #4 =	3.5980	(-0.0020)

Avg % Abs = 3.5763 (0.0127)
STD DEV = 0.0199 (0.0133)
REL STD DEV = 0.555 (105.131)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12495, 9um Io = 13034

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6160	(-0.0130)
Sample #2 =	3.6300	(0.0270)
Sample #3 =	3.6100	(0.0570)
Sample #4 =	3.6380	(0.0270)

Avg % Abs = 3.6260 (0.0370)
STD DEV = 0.0144 (0.0173)
REL STD DEV = 0.398 (46.812)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8190	(-0.0100)
Sample #2 =	6.8550	(0.0000)
Sample #3 =	6.8070	(0.0210)
Sample #4 =	6.8640	(-0.0030)

Avg % Abs = 6.8420 (0.0060)
STD DEV = 0.0306 (0.0131)
REL STD DEV = 0.448 (217.945)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12488, 9um Io = 13036

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9230	(0.0000)
Sample #2 =	6.9570	(0.0250)
Sample #3 =	6.9650	(0.0300)
Sample #4 =	6.9270	(0.0360)

Avg % Abs = 6.9497 (0.0303)
STD DEV = 0.0200 (0.0055)
REL STD DEV = 0.288 (18.157)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	12.8420	(-0.0120)
Sample #2 =	12.8290	(0.0580)
Sample #3 =	12.8550	(0.0520)
Sample #4 =	12.8280	(0.0530)

Avg % Abs = 12.8373 (0.0543)
STD DEV = 0.0153 (0.0032)
REL STD DEV = 0.119 (5.916)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.058
Std Dev = 0.01 Rel Std Dev = 19.10
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.750
Std Dev = 0.02 Rel Std Dev = 3.19
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.866
Std Dev = 0.03 Rel Std Dev = 1.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.626
Std Dev = 0.01 Rel Std Dev = 0.40
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.950
Std Dev = 0.02 Rel Std Dev = 0.29
Zero Order Coef = -99.26
First Order Coef = 2555.49
Second Order Coef = 28.61
Standard Deviation = 44.012234

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.153
Std Dev = 0.02 Rel Std Dev = 10.15
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.482
Std Dev = 0.00 Rel Std Dev = 0.10
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.576
Std Dev = 0.02 Rel Std Dev = 0.56
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.842
Std Dev = 0.03 Rel Std Dev = 0.45
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.837
Std Dev = 0.02 Rel Std Dev = 0.12
Zero Order Coef = -159.29
First Order Coef = 1330.46
Second Order Coef = 12.87
Standard Deviation = 40.663654

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0010
0.040	0.039	0.0015
0.100	0.100	-0.0002
0.200	0.200	-0.0004
0.400	0.400	0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.001	-0.0009
0.040	0.039	0.0013
0.100	0.100	-0.0000
0.200	0.200	-0.0005
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 = 3347.00
Sample #2 = 3315.00
Sample #3 = 3360.00
Sample #4 = 3319.00
Average Result = 3331.3333
STD DEV = 24.9065
REL STD DEV = 0.748
****
***** CHANNEL 2
Sample #1 = 3290.00
Sample #2 = 3253.00
Sample #3 = 3296.00
Sample #4 = 3265.00
Average Result = 3271.3333
STD DEV = 22.1886
REL STD DEV = 0.678
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1016
3 um H2O Adjust (mg/l*10,000) = 478
9 um H2O Adjust (mg/l*10,000) = 538
**** AUTO CAL PASS

SP

Post-Cal Adjust
Stability Checks # 80-005477 Dade City P.D. 5/9/17 RWB

DGS

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:47
Control Test	0.049	10:47
Air Blank	0.000	10:48
Control Test	0.050	10:49
Air Blank	0.000	10:49
Control Test	0.050	10:50
Air Blank	0.000	10:50
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

RWB
Operator's Signature

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:52
Control Test	0.079	10:53
Air Blank	0.000	10:53
Control Test	0.079	10:54
Air Blank	0.000	10:55
Control Test	0.079	10:55
Air Blank	0.000	10:56
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

RWB
Operator's Signature

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:57
Control Test	0.196	10:58
Air Blank	0.000	10:58
Control Test	0.197	10:59
Air Blank	0.000	11:00
Control Test	0.198	11:00
Air Blank	0.000	11:01
Control Test Stats		
Average	0.1970	
Std Dev	0.0010	
Rel Std Dev(%)	0.5076	

RWB
Operator's Signature

DADE CITY PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005477
05/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:02
Control Test	0.080	11:03
Air Blank	0.000	11:03
Control Test	0.080	11:04
Air Blank	0.000	11:04
Control Test	0.080	11:04
Air Blank	0.000	11:05
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

RWB
Operator's Signature

DG