FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Miami Dade Police Department S/N 80-001277

Date In 2/7/2017 Date Out 2/7/2017 ☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

RECEIVED FEB 21 2017 FDLE Alcohol Testing Program

Intake Performed By DERR

- ☐ 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 ANTI STATIC BAG

Notes: _____

Quality Checks Performed By DERR

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 233
- ☑ Flow Verification (L/s)

Flow Column # ATP101

32mm .152 (.139 - .169)
36mm .179 (.156 - .190)
53mm .260 (.228 - .278)
103mm .519 (.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28663

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD 3967	201603D 03/08/2018
0.08	SD 3968	201601F 01/26/2018
0.20	SD 3969	201604C 04/05/2018
0.08 DGS	N/A	AG605301 02/22/2018

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 DERR

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

Barometric Pressure Gauge 1017 ID # 68639

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	2236	15708	08/18/2017
0.100	2237	15001	05/20/2017
0.200	2238	15104	05/27/2017
0.400	2239	15105	06/10/2017
0.080 DGS	N/A	03415080A1	03/05/2017

☑ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD3967	201603D	03/08/2018
0.08	SD3968	201601F	01/26/2018
0.20	SD3969	201604C	04/05/2018
0.08 DGS	N/A	AG605301	02/22/2018

Department Inspection Performed By MJL

☑ Barometric Pressure 1018 Gauge
ID# 28199 1016 Instrument

Mouth Alcohol Solution Lot # 2016-A
Acetone Stock Solution Lot # 2016-B

Simulator	Serial Number
0.00	SD3965
Interferent	SD3966
0.05	SD3967
0.08	SD3968
0.20	SD3969

Attachments

- ☑ Form 41
- ☑ Pre-Stability Tests X 2
- ☐ Flow Calibration
- ☑ Optical Bench Cal
- ☑ Post-Stability Tests
- ☐ Other _____

Notes: E-MAILED 02/7/2017 ☑ APPROVED

PA/FC OK [illegible] 2/20/2017

- ☑ **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

2/21/17
Date

Revised November 2012

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-001277	Miami Dade Police Department	2/7/2017	

BK

0.05g/210L

0.047 to 0.053 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:50
Control Test	0.050	10:51
Air Blank	0.000	10:52
Control Test	0.050	10:52
Air Blank	0.000	10:53
Control Test	0.050	10:53
Air Blank	0.000	10:54

Control Test Stats

Average	0.0500
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

0.08g/210L

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
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	0.081	10:57
Air Blank	0.000	10:58
Control Test	0.080	10:58
Air Blank	0.000	10:59

Control Test Stats

Average	0.0803
Std Dev	0.0006
Rel Std Dev(%)	0.7187

Operator's Signature

0.20g/210L

0.194 to 0.206 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.198	11:01
Air Blank	0.000	11:01
Control Test	0.198	11:02
Air Blank	0.000	11:02
Control Test	0.199	11:03
Air Blank	0.000	11:04

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.080	11:05
Air Blank	0.000	11:06
Control Test	0.080	11:06
Air Blank	0.000	11:06
Control Test	0.081	11:07
Air Blank	0.000	11:07

Control Test Stats

Average	0.0803
Std Dev	0.0006
Rel Std Dev(%)	0.7187

Operator's Signature

PGM

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017 09:49:36

Auto Calibration
Max Power Res Value = 33
Auto Range Res Value = 22

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12875, 9um Io = 13695

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0440	(-0.0130)
Sample #2 =	0.0370	(-0.0140)
Sample #3 =	0.0400	(0.0190)
Sample #4 =	0.0510	(0.0340)

Avg % Abs = 0.0427 (0.0130)
STD DEV = 0.0074 (0.0246)
REL STD DEV = 17.276 (188.893)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0620	(-0.0040)
Sample #2 =	0.0690	(-0.0180)
Sample #3 =	0.0550	(-0.0190)
Sample #4 =	0.0740	(-0.0040)

Avg % Abs = 0.0660 (-0.0137)
STD DEV = 0.0098 (0.0084)
REL STD DEV = 14.923 (61.365)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12868, 9um Io = 13693

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7450	(-0.0020)
Sample #2 =	0.7510	(-0.0210)
Sample #3 =	0.7400	(-0.0100)
Sample #4 =	0.7320	(0.0060)

Avg % Abs = 0.7410 (-0.0083)
STD DEV = 0.0095 (0.0136)
REL STD DEV = 1.287 (162.923)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4740	(-0.0210)
Sample #2 =	1.4490	(-0.0180)
Sample #3 =	1.4660	(-0.0210)
Sample #4 =	1.4690	(-0.0140)

Avg % Abs = 1.4613 (-0.0177)
STD DEV = 0.0108 (0.0035)
REL STD DEV = 0.738 (19.879)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12862, 9um Io = 13691

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8240	(-0.0210)
Sample #2 =	1.8270	(-0.0390)
Sample #3 =	1.8190	(-0.0220)
Sample #4 =	1.8280	(0.0060)

Avg % Abs = 1.8247 (-0.0183)
STD DEV = 0.0049 (0.0227)
REL STD DEV = 0.270 (123.943)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5840	(-0.0040)
Sample #2 =	3.5790	(-0.0150)
Sample #3 =	3.5950	(-0.0090)
Sample #4 =	3.6070	(0.0010)

Avg % Abs = 3.5937 (-0.0077)
STD DEV = 0.0140 (0.0081)
REL STD DEV = 0.391 (105.429)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12862, 9um Io = 13693

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5410	(-0.0200)
Sample #2 =	3.5000	(0.0080)
Sample #3 =	3.5260	(-0.0050)
Sample #4 =	3.5000	(0.0290)

Avg % Abs = 3.5087 (0.0107)
STD DEV = 0.0150 (0.0172)
REL STD DEV = 0.428 (160.839)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8830	(0.0000)
Sample #2 =	6.8770	(0.0170)
Sample #3 =	6.9120	(0.0110)
Sample #4 =	6.9050	(0.0100)

Avg % Abs = 6.8980 (0.0127)
STD DEV = 0.0185 (0.0038)
REL STD DEV = 0.268 (29.889)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12858, 9um Io = 13691

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8240	(-0.0100)
Sample #2 =	6.8340	(-0.0220)
Sample #3 =	6.8090	(-0.0200)
Sample #4 =	6.8320	(0.0190)

Avg % Abs = 6.8250 (-0.0077)
STD DEV = 0.0139 (0.0231)
REL STD DEV = 0.204 (301.508)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	13.0730	(0.0010)
Sample #2 =	13.0140	(0.0230)
Sample #3 =	13.0240	(0.0230)
Sample #4 =	13.0570	(0.0280)

Avg % Abs = 13.0317 (0.0247)
STD DEV = 0.0225 (0.0029)
REL STD DEV = 0.173 (11.703)

Optical Calibration
SN: 80-001277
Agency: Miami Dade P.D.
Date: 02/07/2017
Quadratic Fit: +/-0.002g/210L
By: [illegible]

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.043
Std Dev = 0.01 Rel Std Dev = 17.28
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.741
Std Dev = 0.01 Rel Std Dev = 1.29
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.825
Std Dev = 0.00 Rel Std Dev = 0.27
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.509
Std Dev = 0.02 Rel Std Dev = 0.43
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.825
Std Dev = 0.01 Rel Std Dev = 0.20
Zero Order Coef = -111.03
First Order Coef = 2662.13
Second Order Coef = 21.34
Standard Deviation = 35.727940

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.066
Std Dev = 0.01 Rel Std Dev = 14.92
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.461
Std Dev = 0.01 Rel Std Dev = 0.74
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.594
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.898
Std Dev = 0.02 Rel Std Dev = 0.27
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 13.032
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -65.79
First Order Coef = 1303.99
Second Order Coef = 12.47
Standard Deviation = 23.810766

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0001
0.040	0.039	0.0007
0.100	0.101	-0.0012
0.200	0.199	0.0007
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	0.039	0.0008
0.100	0.100	-0.0004
0.200	0.200	0.0000
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 = 3354.00
Sample #2 = 3298.00
Sample #3 = 3293.00
Sample #4 = 3351.00
Average Result = 3314.0000
STD DEV = 32.1403
REL STD DEV = 0.970
****
***** CHANNEL 2
Sample #1 = 3499.00
Sample #2 = 3480.00
Sample #3 = 3495.00
Sample #4 = 3486.00
Average Result = 3487.0000
STD DEV = 7.5498
REL STD DEV = 0.217
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1017
3 um H20 Adjust (mg/l*10,000) = 495
9 um H20 Adjust (mg/l*10,000) = 322
**** AUTO CAL PASS

[illegible]

[illegible]

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities 2nd Test	80-001277	Miami Dade Police Department	2/7/2017	

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ☐	0.077 to 0.083 ☑	0.194 to 0.206 ☐	0.077 to 0.083 ☐
X	MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001277 02/07/2017 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:04 Control Test 0.077 09:04 Air Blank 0.000 09:05 Control Test 0.078 09:06 Air Blank 0.000 09:06 Control Test 0.077 09:07 Air Blank 0.000 09:07 Control Test Stats Average 0.0773 Std Dev 0.0006 Rel Std Dev(%) 0.7466 Operator's Signature	X	X

15K

PGM

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001277	Miami Dade Police Department	02/07/2017	DELL

0.05g/210L

0.047 to 0.053 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:54
Control Test	0.047	08:54
Air Blank	0.000	08:55
Control Test	0.048	08:56
Air Blank	0.000	08:56
Control Test	0.047	08:57
Air Blank	0.000	08:57

Control Test Stats

Average	0.0473
Std Dev	0.0006
Rel Std Dev(%)	1.2198

Operator's Signature

0.08g/210L

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:59
Control Test	INT*	09:00
Air Blank	0.000	09:00
Control Test	0.078	09:01
Air Blank	0.000	09:01
Control Test	0.077	09:02
Air Blank	0.000	09:03

Control Test Stats

Average	0.0820
Std Dev	0.0078
Rel Std Dev(%)	9.5247

*Interferent Detect

Operator's Signature

0.20g/210L

0.194 to 0.206 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:08
Control Test	0.192	09:09
Air Blank	0.000	09:10
Control Test	0.194	09:10
Air Blank	0.000	09:11
Control Test	0.194	09:12
Air Blank	0.000	09:12

Control Test Stats

Average	0.1933
Std Dev	0.0012
Rel Std Dev(%)	0.5973

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☑

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001277
02/07/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:15
Control Test	0.079	09:15
Air Blank	0.000	09:16
Control Test	0.079	09:16
Air Blank	0.000	09:16
Control Test	0.079	09:17
Air Blank	0.000	09:17

Control Test Stats

Average	0.0790
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature