FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Hialeah Police Department S/N 80-002462

Date In 4/22/2016 Date Out 4/25/2016 ☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

RECEIVED MAY 06 2016 FDLE Alcohol Testing Program

Intake Performed By DERR

- ☐ Registration
- ☑ Annual
- ☐ Return from CMI
- ☐ Return from Enforcement
- ☐ 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 ADD STATIC BAG

Notes:

Quality Checks Performed By DERR

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 203
- ☑ Flow Verification (L/s)

Flow Column # ATP101

32mm	156 (.139 - .169)
36mm	171 (.156 - .190)
53mm	246 (.228 - .278)
103mm	511 (.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28663

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1014	201507A 07/14/2017
0.08	SD1015	2015026 02/24/2017
0.20	SD1017	201505A 05/12/2017
0.08 DGS	N/A	AGS19701 07/16/2017

Flow Calibration Performed By

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

Flow Column #
- ☐ 5L/min – 4mm
- ☐ 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 1016 ID # 28199

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	2236	15108	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	0341508041	03/05/2017

☑ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD1014	201507A	07/14/2017
0.08	SD1015	2015026	02/24/2017
0.20	SD1017	201505A	05/12/2017
0.08 DGS	N/A	AGS19701	07/16/2017

Department Inspection Performed By DERR

☑ Barometric Pressure — 1016 Gauge
ID# 28663 — 1015 Instrument

Mouth Alcohol Solution Lot # 2015-A
Acetone Stock Solution Lot # 2015-A

Simulator	Serial Number
0.00	G8147
Interferent	~~G12000~~ DERR G12100
0.05	SD1014
0.08	SD1015
0.20	SD1017

Attachments

☑ Form 41	☑ Optical Bench Cal
☑ Pre-Stability Tests	☑ Post-Stability Tests
☐ Flow Calibration	☑ Other one additional 0.20 pre Stability

Notes: E-MAILED ☑ 04/25/2016 APPROVED

Replaced printer paper
PA/QC OK QR09M

☑ 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

T Smith Kirkland
Quality Control Review

5/6/16
Date

Revised November 2012

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-002462	Hialeah Police Department	04/25/2016	

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 ☑

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:04
Control Test	0.050	11:05
Air Blank	0.000	11:05
Control Test	0.051	11:06
Air Blank	0.000	11:06
Control Test	0.051	11:07
Air Blank	0.000	11:07

Control Test Stats

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

Operator's Signature

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:11
Control Test	0.079	11:11
Air Blank	0.000	11:12
Control Test	0.080	11:13
Air Blank	0.000	11:13
Control Test	0.080	11:14
Air Blank	0.000	11:14

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

Operator's Signature

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:15
Control Test	0.202	11:16
Air Blank	0.000	11:17
Control Test	0.204	11:17
Air Blank	0.000	11:18
Control Test	0.204	11:19
Air Blank	0.000	11:19

Control Test Stats

Average	0.2033
Std Dev	0.0012
Rel Std Dev(%)	0.5679

Operator's Signature

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.079	11:21
Air Blank	0.000	11:21
Control Test	0.080	11:22
Air Blank	0.000	11:22
Control Test	0.080	11:23
Air Blank	0.000	11:23

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

Operator's Signature

```
HIALEAH PD
ntoxilyzer ~ Alcohol Analyzer
Model 8000                    SN 80-002462
04/25/2016                        10:13:28

Auto Calibration
Max Power Res Value = 93
Auto Range Res Value = 65

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12697, Sum Io = 13078
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.0880      (-0.0180)
Sample #2 =  0.0980      (0.0090)
Sample #3 =  0.0890      (0.0600)
Sample #4 =  0.0880      (0.0610)
Avg % Abs = 0.0917  (0.0433)
STD DEV =  0.0055  (0.0297)
REL STD DEV = 6.008  (68.626)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.0870      (-0.0110)
Sample #2 =  0.0830      (-0.0070)
Sample #3 =  0.0800      (0.0110)
Sample #4 =  0.0860      (0.0000)
Avg % Abs = 0.0830  (0.0013)
STD DEV =  0.0030  (0.0091)
REL STD DEV = 3.614  (680.533)
-------------------

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12681, Sum Io = 13073
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.8010      (-0.0130)
Sample #2 =  0.7730      (0.0150)
Sample #3 =  0.8020      (0.0330)
Sample #4 =  0.7900      (0.0320)
Avg % Abs = 0.7883  (0.0267)
STD DEV =  0.0146  (0.0101)
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  1.4180      (-0.0030)
Sample #2 =  1.4170      (-0.0100)
Sample #3 =  1.4480      (-0.0060)
Sample #4 =  1.4240      (0.0000)
Avg % Abs = 1.4297  (-0.0053)
STD DEV =  0.0163  (0.0050)
REL STD DEV = 1.137  (94.373)
-------------------

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12673, Sum Io = 13070
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  1.6570      (-0.0170)
Sample #2 =  1.9090      (-0.0080)
Sample #3 =  1.8790      (-0.0170)
Sample #4 =  1.9030      (0.0000)
Avg % Abs = 1.8970  (-0.0083)
STD DEV =  0.0159  (0.0085)
REL STD DEV = 0.837  (102.059)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  3.4760      (-0.0260)
Sample #2 =  3.5000      (-0.0150)
Sample #3 =  3.4830      (-0.0280)
Sample #4 =  3.4830      (-0.0100)
Avg % Abs = 3.4887  (-0.0177)
STD DEV =  0.0098  (0.0093)
REL STD DEV = 0.281  (52.594)
-------------------

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12669, Sum Io = 13069
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  3.5710      (-0.0230)
Sample #2 =  3.6070      (-0.0300)
Sample #3 =  3.5980      (-0.0180)
Sample #4 =  3.6080      (0.0070)
Avg % Abs = 3.6043  (-0.0137)
STD DEV =  0.0055  (0.0189)
REL STD DEV = 0.153  (138.123)
-------------------
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  6.6180      (-0.0150)
Sample #2 =  6.6090      (-0.0210)
Sample #3 =  6.6220      (-0.0170)
Sample #4 =  6.6340      (0.0000)
Avg % Abs = 6.6217  (-0.0127)
STD DEV =  0.0125  (0.0112)
REL STD DEV = 0.189  (88.030)
-------------------

Sol Value = 0.400 g/210L ***
Fit Value = 1.9048 mg/l  %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13069
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  6.8870      (-0.0300)
Sample #2 =  6.9260      (-0.0110)
Sample #3 =  6.9390      (-0.0080)
Sample #4 =  6.9340      (0.0210)
Avg % Abs = 6.9330  (0.0007)
STD DEV =  0.0066  (0.0177)
REL STD DEV = 0.095  (2650.944)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 = 12.4540      (0.0020)
Sample #2 = 12.5590      (-0.0090)
Sample #3 = 12.5760      (-0.0030)
Sample #4 = 12.6190      (0.0130)
Avg % Abs = 12.5847  (0.0003)
STD DEV =  0.0309  (0.0114)
REL STD DEV = 0.246  (3411.744)
-------------------
```

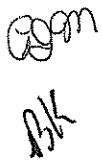
Optical Calibration
SN: 80-002462
Agency: Hialeah Police Dept
Date: 04/25/2016
Quadratic Fit: +/-0.002g/210L

```
     ***** AUTO CAL DATA *****
     <<<<<  CHANNEL 1  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.092
 Std Dev =   0.01 Rel Std Dev =   6.01
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.788
 Std Dev =   0.01 Rel Std Dev =   1.85
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.897
 Std Dev =   0.02 Rel Std Dev =   0.84
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.634
 Std Dev =   0.01 Rel Std Dev =   0.15
Sol Val = 1.9048 mg/l or 0.400 g/210L
 % Abs =    6.933
 Std Dev =   0.01 Rel Std Dev =   0.09
Zero Order Coef = -220.10
First Order Coef = 2607.90
Second Order Coef =  24.75
Standard Deviation =  40.927250
-------------------

     <<<<<  CHANNEL 2  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.083
 Std Dev =   0.00 Rel Std Dev =   3.61
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.433
 Std Dev =   0.02 Rel Std Dev =   1.14
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.489
 Std Dev =   0.01 Rel Std Dev =   0.28
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.622
 Std Dev =   0.01 Rel Std Dev =   0.19
Sol Val = 1.9048 mg/l or 0.400 g/210L
 % Abs =   12.585
 Std Dev =   0.03 Rel Std Dev =   0.25
Zero Order Coef = -110.22
First Order Coef = 1369.77
Second Order Coef =  12.15
Standard Deviation =  35.275009
-------------------
```

```
-------------------------------------
| Solution Stats Quadratic Fit Chan 1 |
|  Act       Fit       Residual       |
| g/210L    g/210L      g/210L        |
| 0.000     0.000      -0.0004        |
| 0.040     0.039       0.0011        |
| 0.100     0.101      -0.0012        |
| 0.200     0.199       0.0005        |
| 0.400     0.400      -0.0001        |
-------------------------------------

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  3290.00
Sample #2 =  3189.00
Sample #3 =  3194.00
Sample #4 =  3284.00
Average Result = 3222.3333
STD DEV = 53.4634
REL STD DEV = 1.659
**********
***** CHANNEL 2
Sample #1 =  3437.00
Sample #2 =  3452.00
Sample #3 =  3461.00
Sample #4 =  3473.00
Average Result = 3462.0000
STD DEV = 12.5357
REL STD DEV = 0.304
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1015
  3 um H20 Adjust (mg/l*10,000) = 587
  9 um H20 Adjust (mg/l*10,000) = 347
**** AUTO CAL PASS
```



TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-002462	Hialeah Police Department	04/25/2016	

NBK

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 ☑

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:16
Control Test	0.052	08:17
Air Blank	0.000	08:17
Control Test	0.051	08:18
Air Blank	0.000	08:18
Control Test	0.052	08:19
Air Blank	0.000	08:20

Control Test Stats

Average	0.0517
Std Dev	0.0006
Rel Std Dev(%)	1.1175

Operator's Signature

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:21
Control Test	0.081	08:21
Air Blank	0.000	08:22
Control Test	0.081	08:23
Air Blank	0.000	08:23
Control Test	0.081	08:24
Air Blank	0.000	08:24

Control Test Stats

Average	0.0810
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:26
Control Test	0.206	08:26
Air Blank	0.000	08:27
Control Test	0.207	08:28
Air Blank	0.000	08:28
Control Test	0.207	08:29
Air Blank	0.000	08:29

Control Test Stats

Average	0.2067
Std Dev	0.0006
Rel Std Dev(%)	0.2794

Operator's Signature

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:31
Control Test	0.080	08:32
Air Blank	0.000	08:32
Control Test	0.080	08:32
Air Blank	0.000	08:33
Control Test	0.080	08:33
Air Blank	0.000	08:34

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

PGM

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-002462	Hialeah Police Department	04/25/2016	

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	X		X

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:36
Control Test	0.207	08:37
Air Blank	0.000	08:38
Control Test	0.206	08:38
Air Blank	0.000	08:39
Control Test	0.208	08:39
Air Blank	0.000	08:40

Control Test Stats

Average	0.2070
Std Dev	0.0010
Rel Std Dev(%)	0.4831

Operator's Signature

HIALEAH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002462
04/25/2016
Software: 8100.27

DIAGNOSTICS

Voltage/Current Test	OK
RAM Test	OK
EEPROM Checksum Test	OK
Real Time Clock Test	OK
DSP Test	OK
Analytical Stability Test	OK
Internal Printer Test	OK
Modem Test	OK
Temperature Regulation Test	OK