FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Florida Highway Patrol Troop L S/N 80-006769

Date In 4/12/2018 DI Completion Date _____ ☑Ship ☐P/U ☐H/D ☑CMI ☐EE

Intake Performed By DPR

☑ Annual
☐ Registration
☐ Return from CMI / EE

Visual Inspection:
☑ Case ☑ Handle
☑ Keyboard ☑ Dry Gas Shelf
☑ Feet ☑ Breath Tube
☑ Ports ☑ Screws Tight

Other Equipment/ Accessories:
☐ Power cord ☐ Printer Cable
☐ Static Bag ☐ 12V DC Cable

Notes: _____

Final Release Date

FDLE

JUL 27 2018

Alcohol Testing Program

Quality Checks Performed By DPR

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 242
☑ Flow Verification (L/s)
Flow Column # ATP 101
32 mm .152 (.139 - .169)
36 mm .171 (.156 - .190)
53 mm .242 (.228 - .278)
103 mm .507 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28199
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D 07/25/2019
0.080	SD3968	201707E 07/25/2019
0.200	SD3969	201707C 07/24/2019
0.080 DGS	N/A	AG715202 06/01/2019

Flow Calibration Performed By _____

Flow Column # _____
☐ 5L/min – 17mm
☐ 15L/min – 53mm
☐ 30L/min – 103mm
☐ R-Value _____
☐ Post Calibration Verification (L/s)
Flow Column # _____
32 mm _____ (.139 - .169)
36 mm _____ (.156 - .190)
53 mm _____ (.228 - .278)
103 mm _____ (.447 - .547)

Maintenance Performed By _____

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☐ Other _____

Temperature Checks Performed By DPR

☑ Lab Temp °C 23.37C
External Digital Therm. ID#: 300949
☑ 34°C +-.2 Serial #: SD3967
☑ 34°C +-.2 Serial #: SD3968
☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By DPR

Barometric Pressure Gauge 1021 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	2236	16320	10/21/2018
0.100	2237	17280	09/11/2019
0.200	2238	17090	02/24/2019
0.300	2239	17140	05/15/2019
0.080 DGS	N/A	34416080A2	02/05/2019

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3967	201707D	07/25/2019
0.080	SD3968	201707E	07/25/2019
0.200	SD3969	201707C	07/24/2019
0.080 DGS	N/A	AG715202	06/01/2019

Department Inspection Performed By _____

Barometric Pressure ID# ~~68639~~ ADS
Gauge _____ Instrument _____
Mouth Alcohol Solution Lot # _____
Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.000	
Interferent	
0.050	
0.080	
0.200	

Attachments

☑ ~~Form~~ 41
☑ Stability Checks
☑ ~~Calibration~~ Certificate
☑ Calibration Adjustment x3
☑ Post-Stability Checks x2
☐ Flow Calibration
☑ Form 40
☐ Other _____

Notes/Suggested Service: E-mailed Calibration adjustment to bring values closer to nominal. Attempted optical calibration three times and was not able to bring values withing acceptable range. Will send ~~istrument to~~ instrument. to repair facility.

☐ **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**

ADS 7/27/18 — Tech Review / Date
J Graham 7/27/18 — Admin Review / Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006769	Florida Highway Patrol Troop L	04/12/2018	DERR

0.05g/210L

SN: SD3967 Temp: 34.08c

0.047 to 0.053 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:30
Control Test	0.049	09:31
Air Blank	0.000	09:32
Control Test	0.049	09:32
Air Blank	0.000	09:33
Control Test	0.050	09:34
Air Blank	0.000	09:34
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

DERR
Operator's Signature

0.08g/210L

SN: SD3968 Temp: 34.01c

0.077 to 0.083 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:35
Control Test	0.081	09:36
Air Blank	0.000	09:36
Control Test	0.081	09:37
Air Blank	0.000	09:38
Control Test	0.081	09:38
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DERR
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.078c

0.194 to 0.206 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.200	09:41
Air Blank	0.000	09:41
Control Test	0.199	09:42
Air Blank	0.000	09:42
Control Test	0.199	09:43
Air Blank	0.000	09:44
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

DERR
Operator's Signature

DGS 0.08g/210L

Lot AG715202

0.077 to 0.083 ☒

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:45
Control Test	0.077	09:46
Air Blank	0.000	09:46
Control Test	0.078	09:47
Air Blank	0.000	09:47
Control Test	0.077	09:47
Air Blank	0.000	09:48
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

DERR
Operator's Signature

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FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-006769
04/12/2018                        10:32:58

Auto Calibration
Max Power Res Value = 57
Auto Range Res Value = 36

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12669, 9um Io = 13073
     <<<<< CHANNEL 1 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.0600      (-0.0080)
Sample #2 =  0.0390      (0.0080)
Sample #3 =  0.0580      (0.0280)
Sample #4 =  0.0150      (0.0630)
Avg % Abs = 0.0373  (0.0330)
STD DEV =  0.0215  (0.0278)
REL STD DEV = 57.719  (84.360)
     -------------------

     <<<<< CHANNEL 2 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.1180      (-0.0020)
Sample #2 =  0.1220      (0.0000)
Sample #3 =  0.1330      (-0.0030)
Sample #4 =  0.1290      (0.0010)
Avg % Abs = 0.1280  (-0.0007)
STD DEV =  0.0056  (0.0021)
REL STD DEV = 4.350  (312.250)
     -------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12661, 9um Io = 13072
     <<<<< CHANNEL 1 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.7540      (-0.0120)
Sample #2 =  0.7650      (0.0010)
Sample #3 =  0.7660      (0.0080)
Sample #4 =  0.7170      (0.0410)
Avg % Abs = 0.7493  (0.0167)
STD DEV =  0.0280  (0.0214)
REL STD DEV = 3.737  (128.172)
     -------------------
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     <<<<< CHANNEL 2 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  1.4830      (-0.0130)
Sample #2 =  1.4810      (0.0030)
Sample #3 =  1.5090      (-0.0020)
Sample #4 =  1.4880      (0.0080)
Avg % Abs = 1.4927  (0.0030)
STD DEV =  0.0146  (0.0050)
REL STD DEV = 0.976  (166.667)
     -------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12654, 9um Io = 13070
     <<<<< CHANNEL 1 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  1.7510      (-0.0080)
Sample #2 =  1.7600      (0.0020)
Sample #3 =  1.7420      (0.0220)
Sample #4 =  1.7720      (0.0060)
Avg % Abs = 1.7580  (0.0100)
STD DEV =  0.0151  (0.0106)
REL STD DEV = 0.859  (105.830)
     -------------------

     <<<<< CHANNEL 2 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  3.4740      (0.0010)
Sample #2 =  3.4720      (0.0160)
Sample #3 =  3.4670      (0.0140)
Sample #4 =  3.4820      (0.0140)
Avg % Abs = 3.4737  (0.0147)
STD DEV =  0.0076  (0.0012)
REL STD DEV = 0.220  (7.873)
     -------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12652, 9um Io = 13070
     <<<<< CHANNEL 1 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  3.4640      (-0.0180)
Sample #2 =  3.3950      (0.0320)
Sample #3 =  3.4120      (0.0020)
Sample #4 =  3.3870      (0.0030)
Avg % Abs = 3.3980  (0.0123)
STD DEV =  0.0128  (0.0170)
REL STD DEV = 0.376  (138.155)
     -------------------
```

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     <<<<< CHANNEL 2 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  6.6360      (-0.0030)
Sample #2 =  6.5950      (0.0380)
Sample #3 =  6.5760      (0.0190)
Sample #4 =  6.5090      (0.0320)
Avg % Abs = 6.5600  (0.0297)
STD DEV =  0.0452  (0.0097)
REL STD DEV = 0.689  (32.739)
     -------------------

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12650, 9um Io = 13067
     <<<<< CHANNEL 1 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  5.0490      (-0.0140)
Sample #2 =  5.0900      (0.0000)
Sample #3 =  5.0610      (0.0060)
Sample #4 =  5.0400      (0.0500)
Avg % Abs = 5.0637  (0.0187)
STD DEV =  0.0251  (0.0273)
REL STD DEV = 0.496  (146.254)
     -------------------

     <<<<< CHANNEL 2 >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  9.6140      (-0.0060)
Sample #2 =  9.6440      (0.0150)
Sample #3 =  9.6270      (0.0150)
Sample #4 =  9.6270      (0.0400)
Avg % Abs = 9.6327  (0.0233)
STD DEV =  0.0098  (0.0144)
REL STD DEV = 0.102  (61.859)
     -------------------
```

Optical Calibration
SN: 80-006769
Agency: FHP Troop L
Date: 4/12/2018
Quadratic Fit: +/-0.002g/210L
By:

```
     ***** AUTO CAL DATA *****
     <<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.037
 Std Dev =   0.02 Rel Std Dev =  57.72
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.749
 Std Dev =   0.03 Rel Std Dev =   3.74
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.758
 Std Dev =   0.02 Rel Std Dev =   0.86
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.398
 Std Dev =   0.01 Rel Std Dev =   0.38
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    5.064
 Std Dev =   0.03 Rel Std Dev =   0.50
Zero Order Coef = -142.64
First Order Coef = 2780.45
Second Order Coef =  14.36
Standard Deviation =  42.930527
-------------------
     <<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.128
 Std Dev =   0.01 Rel Std Dev =   4.35
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.493
 Std Dev =   0.01 Rel Std Dev =   0.98
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.474
 Std Dev =   0.01 Rel Std Dev =   0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.560
 Std Dev =   0.05 Rel Std Dev =   0.69
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.633
 Std Dev =   0.01 Rel Std Dev =   0.10
Zero Order Coef = -203.83
First Order Coef = 1406.67
Second Order Coef =  10.33
Standard Deviation =  39.442158
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| Solution Stats Quadratic Fit Chan 1 |
|  Act       Fit       Residual      |
| g/210L    g/210L      g/210L       |
| 0.000    -0.001       0.0008       |
| 0.040     0.041      -0.0009       |
| 0.100     0.101      -0.0006       |
| 0.200     0.199       0.0011       |
| 0.300     0.300      -0.0004       |
```

```
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| Solution Stats Quadratic Fit Chan 2 |
|  Act       Fit       Residual      |
| g/210L    g/210L      g/210L       |
| 0.000    -0.000       0.0005       |
| 0.040     0.040      -0.0003       |
| 0.100     0.101      -0.0009       |
| 0.200     0.199       0.0012       |
| 0.300     0.300      -0.0004       |
-----------------------------------

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  3368.00
Sample #2 =  3450.00
Sample #3 =  3418.00
Sample #4 =  3427.00
Average Result = 3431.6667
STD DEV = 16.5025
REL STD DEV = 0.481
**********
***** CHANNEL 2
Sample #1 =  3417.00
Sample #2 =  3439.00
Sample #3 =  3434.00
Sample #4 =  3466.00
Average Result = 3446.3333
STD DEV = 17.2143
REL STD DEV = 0.499
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1021
  3 um H20 Adjust (mg/l*10,000) = 378
  9 um H20 Adjust (mg/l*10,000) = 363
**** AUTO CAL PASS
```

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-006769	Florida Highway Patrol Troop L	04/12/2018	DERR

0.05g/210L

SN: SD3967 Temp: 34.08c

0.047 to 0.053 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:14
Control Test	0.051	11:15
Air Blank	0.000	11:15
Control Test	0.052	11:16
Air Blank	0.000	11:16
Control Test	0.051	11:17
Air Blank	0.000	11:18
Control Test Stats		
Average	0.0513	
Std Dev	0.0006	
Rel Std Dev(%)	1.1247	

DERR
Operator's Signature

8/1/18

0.08g/210L

SN: SD3968 Temp: 34.01c

0.077 to 0.083 ☒

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:19
Control Test	0.083	11:19
Air Blank	0.000	11:20
Control Test	0.084	11:20
Air Blank	0.000	11:21
Control Test	0.083	11:22
Air Blank	0.000	11:22
Control Test Stats		
Average	0.0833	
Std Dev	0.0006	
Rel Std Dev(%)	0.6928	

DERR
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.078c

0.194 to 0.206 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:24
Control Test	0.204	11:24
Air Blank	0.000	11:25
Control Test	0.205	11:26
Air Blank	0.000	11:26
Control Test	0.205	11:27
Air Blank	0.000	11:27
Control Test Stats		
Average	0.2047	
Std Dev	0.0006	
Rel Std Dev(%)	0.2821	

DERR
Operator's Signature

DGS 0.08g/210L

Lot AG715202

0.077 to 0.083 ☒

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:30
Control Test	0.080	11:31
Air Blank	0.000	11:31
Control Test	0.080	11:32
Air Blank	0.000	11:32
Control Test	0.079	11:32
Air Blank	0.000	11:33
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DERR
Operator's Signature

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018 11:35:14

Auto Calibration
Max Power Res Value = 56
Auto Range Res Value = 35

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12487, 9um Io = 12978

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0310	(-0.0150)
Sample #2 =	0.0390	(0.0090)
Sample #3 =	0.0240	(0.0370)
Sample #4 =	0.0170	(0.0550)

Avg % Abs = 0.0267 (0.0337)
STD DEV = 0.0112 (0.0232)
REL STD DEV = 42.149 (68.853)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1200	(-0.0200)
Sample #2 =	0.1300	(-0.0150)
Sample #3 =	0.1360	(-0.0190)
Sample #4 =	0.1230	(0.0000)

Avg % Abs = 0.1297 (-0.0113)
STD DEV = 0.0065 (0.0100)
REL STD DEV = 5.018 (88.382)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12481, 9um Io = 12979

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7900	(-0.0290)
Sample #2 =	0.7820	(-0.0210)
Sample #3 =	0.7660	(0.0030)
Sample #4 =	0.7090	(0.0280)

Avg % Abs = 0.7523 (0.0033)
STD DEV = 0.0384 (0.0245)
REL STD DEV = 5.100 (735.051)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5070	(-0.0130)
Sample #2 =	1.5310	(-0.0060)
Sample #3 =	1.5170	(-0.0070)
Sample #4 =	1.4820	(0.0200)

Avg % Abs = 1.5100 (0.0023)
STD DEV = 0.0252 (0.0153)
REL STD DEV = 1.671 (656.055)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12479, 9um Io = 12979

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7770	(-0.0160)
Sample #2 =	0.7720	(-0.0060)
Sample #3 =	0.7270	(0.0150)
Sample #4 =	0.7780	(-0.0010)

Avg % Abs = 0.7590 (0.0027)
STD DEV = 0.0279 (0.0110)
REL STD DEV = 3.673 (411.362)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5250	(0.0000)
Sample #2 =	1.5290	(0.0040)
Sample #3 =	1.4870	(0.0230)
Sample #4 =	1.5200	(0.0050)

Avg % Abs = 1.5120 (0.0107)
STD DEV = 0.0221 (0.0107)
REL STD DEV = 1.463 (100.244)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12475, 9um Io = 12976

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7630	(-0.0080)
Sample #2 =	1.8170	(-0.0140)
Sample #3 =	1.7930	(0.0180)
Sample #4 =	1.7740	(0.0130)

Avg % Abs = 1.7947 (0.0057)
STD DEV = 0.0215 (0.0172)
REL STD DEV = 1.201 (303.782)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4960	(-0.0010)
Sample #2 =	3.5260	(-0.0050)
Sample #3 =	3.5450	(0.0000)
Sample #4 =	3.5260	(0.0000)

Avg % Abs = 3.5323 (-0.0017)
STD DEV = 0.0110 (0.0029)
REL STD DEV = 0.311 (173.205)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12472, 9um Io = 12975

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4270	(-0.0120)
Sample #2 =	3.4510	(-0.0200)
Sample #3 =	3.3920	(-0.0010)
Sample #4 =	3.4210	(-0.0250)

Avg % Abs = 3.4213 (-0.0153)
STD DEV = 0.0295 (0.0127)
REL STD DEV = 0.862 (82.580)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.6350	(0.0000)
Sample #2 =	6.6370	(0.0060)
Sample #3 =	6.6080	(-0.0030)
Sample #4 =	6.5610	(-0.0030)

Avg % Abs = 6.6020 (0.0000)
STD DEV = 0.0384 (0.0052)
REL STD DEV = 0.581 (0.000)

Optical Calibration 2
SN: 80-006769
Agency: FHP Troop L
Date: 4/12/2018
Quadratic Fit: +/-0.002g/210L
By:

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12473, 9um Io = 12976

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1500	(-0.0190)
Sample #2 =	5.1160	(0.0150)
Sample #3 =	5.1590	(-0.0040)
Sample #4 =	5.1340	(0.0210)

Avg % Abs = 5.1363 (0.0107)
STD DEV = 0.0216 (0.0131)
REL STD DEV = 0.420 (122.355)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7490	(-0.0110)
Sample #2 =	9.7460	(0.0150)
Sample #3 =	9.7730	(0.0060)
Sample #4 =	9.7580	(0.0230)

Avg % Abs = 9.7590 (0.0147)
STD DEV = 0.0135 (0.0085)
REL STD DEV = 0.139 (57.988)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.027
Std Dev = 0.01 Rel Std Dev = 42.15
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.759
Std Dev = 0.03 Rel Std Dev = 3.67
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.795
Std Dev = 0.02 Rel Std Dev = 1.20
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.421
Std Dev = 0.03 Rel Std Dev = 0.86
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.136
Std Dev = 0.02 Rel Std Dev = 0.42
Zero Order Coef = -133.10
First Order Coef = 2745.69
Second Order Coef = 13.37
Standard Deviation = 78.884064

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.130
Std Dev = 0.01 Rel Std Dev = 5.02
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.512
Std Dev = 0.02 Rel Std Dev = 1.46
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.532
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.602
Std Dev = 0.04 Rel Std Dev = 0.58
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.759
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -218.69
First Order Coef = 1401.82
Second Order Coef = 8.99
Standard Deviation = 68.524635

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.001	0.0013
0.040	0.041	-0.0011
0.100	0.102	-0.0016
0.200	0.198	0.0022
0.300	0.301	-0.0008

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.001	0.0008
0.040	0.040	-0.0003
0.100	0.102	-0.0017
0.200	0.198	0.0020
0.300	0.301	-0.0007

```
Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  3418.00
Sample #2 =  3398.00
Sample #3 =  3417.00
Sample #4 =  3382.00
Average Result = 3399.0000
STD DEV = 17.5214
REL STD DEV = 0.515
**********
***** CHANNEL 2
Sample #1 =  3432.00
Sample #2 =  3418.00
Sample #3 =  3417.00
Sample #4 =  3399.00
Average Result = 3411.3333
STD DEV = 10.6927
REL STD DEV = 0.313
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1021
  3 um H20 Adjust (mg/l*10,000) = 410
  9 um H20 Adjust (mg/l*10,000) = 398
**** AUTO CAL PASS
```

8/1/18

0.04 Value to high

Re ran solution

Optical Calibration 2 Cont
SN: 80-006769
Agency: FHP Troop L
Date: 4/12/2018
Quadratic Fit: +/-0.002g/210L
By: Dell

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities 2	80-006769	Florida Highway Patrol Troop L	04/12/2018	DELL

0.05g/210L

SN: SD3967 Temp: 34.08c

0.047 to 0.053 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:19
Control Test	0.050	12:20
Air Blank	0.000	12:20
Control Test	0.051	12:21
Air Blank	0.000	12:22
Control Test	0.050	12:22
Air Blank	0.000	12:23

Control Test Stats

Average	0.0503
Std Dev	0.0006
Rel Std Dev(%)	1.1471

DELL
Operator's Signature

8/7/18

0.08g/210L

SN: SD3968 Temp: 34.01c

0.077 to 0.083 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.082	12:24
Air Blank	0.000	12:25
Control Test	0.083	12:26
Air Blank	0.000	12:26
Control Test	0.082	12:27
Air Blank	0.000	12:27

Control Test Stats

Average	0.0823
Std Dev	0.0006
Rel Std Dev(%)	0.7012

DELL
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.078c

0.194 to 0.206 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:29
Control Test	0.202	12:29
Air Blank	0.000	12:30
Control Test	0.204	12:31
Air Blank	0.000	12:31
Control Test	0.203	12:32
Air Blank	0.000	12:32

Control Test Stats

Average	0.2030
Std Dev	0.0010
Rel Std Dev(%)	0.4926

DELL
Operator's Signature

DGS 0.08g/210L

Lot AG715202

0.077 to 0.083 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
04/12/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:38
Control Test	0.080	12:38
Air Blank	0.000	12:38
Control Test	0.080	12:39
Air Blank	0.000	12:39
Control Test	0.079	12:40
Air Blank	0.000	12:40

Control Test Stats

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

DELL
Operator's Signature

```
FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-006769
04/18/2018                        05:58:58

Auto Calibration
Max Power Res Value = 56
Auto Range Res Value = 35

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12607, 9um Io = 13037
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.0640      (-0.0120)
Sample #2 =  0.0530      (0.0500)
Sample #3 =  0.0190      (0.0840)
Sample #4 =  0.0340      (0.1080)
Avg % Abs = 0.0353  (0.0807)
STD DEV =  0.0170  (0.0291)
REL STD DEV = 48.224  (36.128)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.1410      (-0.0110)
Sample #2 =  0.1140      (0.0180)
Sample #3 =  0.1120      (0.0260)
Sample #4 =  0.1250      (0.0280)
Avg % Abs = 0.1170  (0.0240)
STD DEV =  0.0070  (0.0053)
REL STD DEV = 5.983  (22.048)
-------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12588, 9um Io = 13029
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  0.7700      (-0.0160)
Sample #2 =  0.7250      (0.0340)
Sample #3 =  0.7400      (0.0380)
Sample #4 =  0.7700      (0.0560)
Avg % Abs = 0.7450  (0.0427)
STD DEV =  0.0229  (0.0117)
REL STD DEV = 3.076  (27.466)
-------------------
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  1.4900      (-0.0050)
Sample #2 =  1.4920      (0.0040)
Sample #3 =  1.4800      (0.0100)
Sample #4 =  1.5270      (0.0080)
Avg % Abs = 1.4997  (0.0073)
STD DEV =  0.0244  (0.0031)
REL STD DEV = 1.628  (41.660)
-------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12575, 9um Io = 13023
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  1.7930      (-0.0200)
Sample #2 =  1.7570      (0.0320)
Sample #3 =  1.7760      (0.0550)
Sample #4 =  1.7470      (0.0740)
Avg % Abs = 1.7600  (0.0537)
STD DEV =  0.0147  (0.0210)
REL STD DEV = 0.837  (39.190)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  3.4830      (-0.0130)
Sample #2 =  3.4830      (0.0050)
Sample #3 =  3.5020      (0.0140)
Sample #4 =  3.5000      (0.0160)
Avg % Abs = 3.4950  (0.0117)
STD DEV =  0.0104  (0.0059)
REL STD DEV = 0.299  (50.224)
-------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12564, 9um Io = 13018
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  3.4300      (-0.0160)
Sample #2 =  3.4160      (0.0060)
Sample #3 =  3.3980      (0.0240)
Sample #4 =  3.3500      (0.0560)
Avg % Abs = 3.3880  (0.0287)
STD DEV =  0.0341  (0.0253)
REL STD DEV = 1.007  (88.341)
-------------------
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  6.5750      (-0.0080)
Sample #2 =  6.5340      (0.0230)
Sample #3 =  6.5120      (0.0190)
Sample #4 =  6.4540      (0.0460)
Avg % Abs = 6.5000  (0.0293)
STD DEV =  0.0413  (0.0146)
REL STD DEV = 0.636  (49.676)
-------------------

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12554, 9um Io = 13011
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  5.0940      (0.0030)
Sample #2 =  5.0710      (0.0210)
Sample #3 =  5.1210      (0.0130)
Sample #4 =  5.1230      (0.0220)
Avg % Abs = 5.1050  (0.0187)
STD DEV =  0.0295  (0.0049)
REL STD DEV = 0.577  (26.426)
-------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs      (% Abs Ref)
Sample #1 =  9.6770      (-0.0120)
Sample #2 =  9.6840      (0.0150)
Sample #3 =  9.7100      (0.0040)
Sample #4 =  9.7050      (0.0040)
Avg % Abs = 9.6997  (0.0077)
STD DEV =  0.0138  (0.0064)
REL STD DEV = 0.142  (82.837)
-------------------
```

Optical Calibration 3
SN: 80-006769
Agency: FHP Troop L
Date: 4/12/2018
Quadratic Fit: +/-0.002g/210L
By:

```
***** AUTO CAL DATA *****
     <<<<<  CHANNEL 1  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.035
 Std Dev =   0.02 Rel Std Dev =  48.22
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.745
 Std Dev =   0.02 Rel Std Dev =   3.08
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.760
 Std Dev =   0.01 Rel Std Dev =   0.84
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.388
 Std Dev =   0.03 Rel Std Dev =   1.01
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    5.105
 Std Dev =   0.03 Rel Std Dev =   0.58
Zero Order Coef = -151.65
First Order Coef = 2822.63
Second Order Coef =   2.21
Standard Deviation =  65.501442
-------------------
     <<<<<  CHANNEL 2  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.117
 Std Dev =   0.01 Rel Std Dev =   5.98
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.500
 Std Dev =   0.02 Rel Std Dev =   1.63
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.495
 Std Dev =   0.01 Rel Std Dev =   0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.500
 Std Dev =   0.04 Rel Std Dev =   0.64
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.700
 Std Dev =   0.01 Rel Std Dev =   0.14
Zero Order Coef = -226.66
First Order Coef = 1435.74
Second Order Coef =   6.71
Standard Deviation =  96.626266
-------------------

-----------------------------------
| Solution Stats Quadratic Fit Chan 1 |
| Act       Fit       Residual      |
| g/210L    g/210L    g/210L        |
| 0.000     -0.001     0.0011       |
| 0.040     0.041     -0.0010       |
| 0.100     0.101     -0.0013       |
| 0.200     0.198      0.0018       |
| 0.300     0.301     -0.0006       |
-----------------------------------
```

```
-----------------------------------
| Solution Stats Quadratic Fit Chan 2 |
| Act       Fit       Residual      |
| g/210L    g/210L    g/210L        |
| 0.000     -0.001     0.0012       |
| 0.040     0.041     -0.0008       |
| 0.100     0.102     -0.0023       |
| 0.200     0.197      0.0028       |
| 0.300     0.301     -0.0009       |
-----------------------------------

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  3505.00
Sample #2 =  3463.00
Sample #3 =  3513.00
Sample #4 =  3404.00
Average Result = 3460.0000
STD DEV = 54.5619
REL STD DEV = 1.577
**********
***** CHANNEL 2
Sample #1 =  3483.00
Sample #2 =  3486.00
Sample #3 =  3484.00
Sample #4 =  3475.00
Average Result = 3481.6667
STD DEV = 5.8595
REL STD DEV = 0.168
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1018
  3 um H20 Adjust (mg/l*10,000) = 349
  9 um H20 Adjust (mg/l*10,000) = 328
**** AUTO CAL PASS
```

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP L
Time of Inspection: 08:46
Date of Inspection: 04/12/2018
Serial Number: 80-006769
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:
COMPLIANCE NOT DETERMINED, AI NOT CONDUCTED

The above instrument complies (X) does not comply ( ) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

DAVID E REYES-RIVERA
Signature and Printed Name

04/12/2018
Date

7/27/18
JO

FDLE/ATP Form 40 – March 2004

FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Florida Highway Patrol S/N 80-006769

Date In 6/14/2018 DI Completion Date 6/19/2018 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By DERR

☑ Annual
☐ Registration
☑ Return from CMI / EE

Visual Inspection:
☑ Case ☑ Handle
☑ Keyboard ☑ Dry Gas Shelf
☑ Feet ☑ Breath Tube
☑ Ports ☑ Screws Tight

Other Equipment/ Accessories:
☐ Power cord ☐ Printer Cable
☑ Static Bag ☐ 12V DC Cable

Notes:

Final Release Date

FDLE

JUN 26 2018

Alcohol Testing Program

Quality Checks Performed By DELL

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 242
☑ Flow Verification (L/s)
Flow Column # ATP 101
32 mm .160 (.139 - .169)
36 mm .179 (.156 - .190)
53 mm .250 (.228 - .278)
103 mm .519 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28199
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D 07/25/2019
0.080	SD3968	201707E 07/25/2019
0.200	SD3969	201707C 07/24/2019
0.080 DGS	N/A	AG715202 06/01/2019

Flow Calibration Performed By

Flow Column #
☐ 5L/min – 17mm
☐ 15L/min – 53mm
☐ 30L/min – 103mm
☐ R-Value
☐ Post Calibration Verification (L/s)
Flow Column #
32 mm (.139 - .169)
36 mm (.156 - .190)
53 mm (.228 - .278)
103 mm (.447 - .547)

Maintenance Performed By

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

Temperature Checks Performed By DELL

☑ Lab Temp °C 22.52C
External Digital Therm. ID#: 300949
☑ 34°C +-.2 Serial #: SD3967
☑ 34°C +-.2 Serial #: SD3968
☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By

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
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By DELL

Barometric Pressure ID# 68639
Gauge 1016 Instrument 1018
Mouth Alcohol Solution Lot # 2017-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

☑ Form 41
☑ Stability Checks
☑ Calibration Certificate
☐ Calibration Adjustment
☐ Post-Stability Checks
☐ Flow Calibration
☐ Form 40
☐ Other

Notes/Suggested Service: E-mailed ✓ APPROVED

☑ **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**

DGM 6/26/18 — Tech Review / Date

6/26/18 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP L
Time of Inspection: 10:02
Date of Inspection: 06/19/2018
Serial Number: 80-006769
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG715202 Exp: 06/01/2019
0.000	0.050	0.081	0.199	0.082
0.000	0.049	0.081	0.200	0.081
0.000	0.049	0.081	0.200	0.082
0.000	0.049	0.081	0.200	0.082
0.000	0.049	0.081	0.200	0.081
0.000	0.049	0.081	0.200	0.081
0.000	0.049	0.081	0.199	0.081
0.000	0.049	0.082	0.199	0.081
0.000	0.049	0.081	0.199	0.081
0.000	0.049	0.081	0.199	0.081

Standard Deviations	0.0003	0.0003	0.0005	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

The above instrument complies (X) does not comply ( ) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

David Reyes Rivera DAVID E REYES-RIVERA
Signature and Printed Name

06/19/2018
Date

6/26/18

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006769	Florida Highway Patrol Troop L	06/19/2018	DERR

0.05g/210L

SN: SD3967 Temp: 34.06c

0.047 to 0.053 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
06/19/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:50
Control Test	0.049	07:50
Air Blank	0.000	07:51
Control Test	0.049	07:52
Air Blank	0.000	07:52
Control Test	0.049	07:53
Air Blank	0.000	07:53

Control Test Stats

Average	0.0490
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DERR
Operator's Signature

6/26/18

0.08g/210L

SN: SD3968 Temp: 34.07c

0.077 to 0.083 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
06/19/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:54
Control Test	0.082	07:55
Air Blank	0.000	07:55
Control Test	0.081	07:56
Air Blank	0.000	07:57
Control Test	0.081	07:57
Air Blank	0.000	07:58

Control Test Stats

Average	0.0813
Std Dev	0.0006
Rel Std Dev(%)	0.7099

DERR
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.08c

0.194 to 0.206 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
06/19/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:59
Control Test	0.200	08:00
Air Blank	0.000	08:00
Control Test	0.200	08:01
Air Blank	0.000	08:01
Control Test	0.200	08:02
Air Blank	0.000	08:03

Control Test Stats

Average	0.2000
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DERR
Operator's Signature

DGS 0.08g/210L

Lot AG715202

0.077 to 0.083 ☑

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006769
06/19/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:04
Control Test	0.082	08:04
Air Blank	0.000	08:05
Control Test	0.082	08:05
Air Blank	0.000	08:06
Control Test	0.082	08:06
Air Blank	0.000	08:06

Control Test Stats

Average	0.0820
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DERR
Operator's Signature

CGM

FDLE

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006769, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006769		UNCERTAINTY* ±
Owning Agency:	FHP TROOP L	0.050 g/ 210 L	0.004
Calibration Date:	06/19/2018	0.080 g/ 210 L	0.005
Calibration Time:	10:02	0.200 g/ 210 L	0.008
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.
Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99% level of confidence (k=3).

TRACEABILITY INFORMATION
This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

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06/19/2018
Date

DAVID E REYES-RIVERA,
Department Inspector

6/26/18