FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency FHP - TROOP L S/N 80-006763

Date In 6/11/19 DI Completion Date 6/13/19 ☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake — Performed By SP

☒ 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 17 2019

Alcohol Testing Program

Quality Checks — Performed By SP

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 229
☒ Flow Verification (L/s)

Flow Column # ATP101

32 mm	.148	(.139 - .169)
36 mm	.167	(.156 - .190)
53 mm	.234	(.228 - .278)
103 mm	.503	(.447 - .547)

☒ Barometric Pressure Check

Gauge ID # 686639

☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D 7-25-19
0.080	SD3968	201707E 7-25-19
0.200	SD3969	201707C 7-24-19
0.080 DGS	N/A	SP ~~20~~ AG831804 11-14-20

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 SP

☒ Lab Temp °C 22.8

External Digital Therm. ID#: 300918

☒ 34°C +-.2 Serial #: SD3967
☒ 34°C +-.2 Serial #: SD3968
☒ 34°C +-.2 Serial #: SD3969

Calibration Adjustment — Performed By SP

Barometric Pressure Gauge 1015 ID # 286663

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1017	N/A	N/A
0.040	SD3963	17410	12-6-19
0.100	G2841	18200	7-3-20
0.200	G12100	19040	1-29-21
0.300	G8147	18110	4-2-20
0.080 DGS	N/A	1781708DA2	8-5-19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3967	201707D	7-25-19
0.080	SD3968	201707E	7-25-19
0.200	SD3969	201707C	7-24-19
0.080 DGS	N/A	AG831804	11-14-20

Department Inspection — Performed By SP

Barometric Pressure ID# 686639

Gauge 1015 Instrument 1016

Mouth Alcohol Solution Lot # 2019-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 ☒ Post-Stability Checks
☒ Stability Checks ☐ Flow Calibration
☒ Calibration Certificate ☐ Form 40
☒ Calibration Adjustment ☐ Other

Notes/Suggested Service: Performed cal adjustment to bring values closer to Nominal. SP

☑ APPROVED

6/13/19

☒ **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**

MW 06/13/2019 [signature] 6/17/19

Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP L
Time of Inspection: 10:15
Date of Inspection: 06/13/2019
Serial Number: 80-006763
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#:AG831804 Exp: 11/14/2020
0.000	0.048	0.079	0.195	0.079
0.000	0.049	0.080	0.197	0.080
0.000	0.049	0.080	0.197	0.080
0.000	0.049	0.080	0.198	0.080
0.000	0.049	0.080	0.198	0.080
0.000	0.050	0.081	0.197	0.080
0.000	0.050	0.081	0.198	0.080
0.000	0.050	0.081	0.198	0.079
0.000	0.050	0.081	0.199	0.079
0.000	0.050	0.081	0.199	0.079

Standard Deviations	0.0006	0.0006	0.0011	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0007 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.

Shayla Platt SHAYLA D PLATT
Signature and Printed Name

06/13/2019
Date

MH

6/17/19
JJ

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006763	FHP - TROOP L	6-11-19	SP

0.05g/210L

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/11/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:16
Control Test	0.047	08:16
Air Blank	0.000	08:17
Control Test	0.047	08:18
Air Blank	0.000	08:18
Control Test	0.047	08:19
Air Blank	0.000	08:19
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

6/17/19
JD

0.08g/210L

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/11/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:22
Control Test	0.077	08:22
Air Blank	0.000	08:23
Control Test	0.078	08:24
Air Blank	0.000	08:24
Control Test	0.078	08:25
Air Blank	0.000	08:25
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

SP

Operator's Signature

0.20g/210L

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/11/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:09
Control Test	0.192	08:10
Air Blank	0.000	08:10
Control Test	0.193	08:11
Air Blank	0.000	08:12
Control Test	0.194	08:12
Air Blank	0.000	08:13
Control Test Stats		
Average	0.1930	
Std Dev	0.0010	
Rel Std Dev(%)	0.5181	

SP

Operator's Signature

DGS 0.08g/210L

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/11/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:28
Control Test	0.077	08:28
Air Blank	0.000	08:28
Control Test	0.078	08:29
Air Blank	0.000	08:29
Control Test	0.078	08:30
Air Blank	0.000	08:30
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

DGS

SP

Operator's Signature

MXC

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 80-006763 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006763		UNCERTAINTY* ±
Owning Agency:	FHP TROOP L	0.050 g/ 210 L	0.004
Calibration Date:	06/13/2019	0.080 g/ 210 L	0.004
Calibration Time:	10:15	0.200 g/ 210 L	0.007
		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 99.73% 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.

06/13/2019
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 July 2018
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

6/17/19
JO

MK

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FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-006763
06/13/2019                        07:05:48

Auto Calibration
Max Power Res Value = 57
Auto Range Res Value = 41

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12741, 9um Io = 12974
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  0.0150     (-0.0080)
Sample #2 =  0.0670     (-0.0200)
Sample #3 =  0.0630     (-0.0160)
Sample #4 =  0.0620     (0.0000)
Avg % Abs = 0.0640  (-0.0120)
STD DEV =  0.0026  (0.0106)
REL STD DEV = 4.134  (88.192)
    -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  0.0600     (-0.0100)
Sample #2 =  0.0680     (-0.0280)
Sample #3 =  0.0920     (-0.0310)
Sample #4 =  0.0790     (-0.0260)
Avg % Abs = 0.0797  (-0.0283)
STD DEV =  0.0120  (0.0025)
REL STD DEV = 15.080  (8.882)
    -------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12743, 9um Io = 12975
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  0.7310     (-0.0020)
Sample #2 =  0.7930     (-0.0240)
Sample #3 =  0.7510     (0.0020)
Sample #4 =  0.7830     (-0.0140)
Avg % Abs = 0.7757  (-0.0120)
STD DEV =  0.0219  (0.0131)
REL STD DEV = 2.828  (109.291)
    -------------------
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6/17/19
JO

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     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  1.4050     (-0.0110)
Sample #2 =  1.4440     (-0.0260)
Sample #3 =  1.4270     (-0.0250)
Sample #4 =  1.4480     (-0.0230)
Avg % Abs = 1.4397  (-0.0247)
STD DEV =  0.0112  (0.0015)
REL STD DEV = 0.775  (6.193)
    -------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12741, 9um Io = 12977
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  1.7930     (0.0040)
Sample #2 =  1.8360     (-0.0080)
Sample #3 =  1.7970     (0.0160)
Sample #4 =  1.8410     (0.0030)
Avg % Abs = 1.8247  (0.0037)
STD DEV =  0.0241  (0.0120)
REL STD DEV = 1.320  (327.651)
    -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  3.3910     (-0.0090)
Sample #2 =  3.4420     (-0.0130)
Sample #3 =  3.4140     (-0.0010)
Sample #4 =  3.4070     (0.0190)
Avg % Abs = 3.4210  (0.0017)
STD DEV =  0.0185  (0.0162)
REL STD DEV = 0.541  (969.949)
    -------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12740, 9um Io = 12978
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  3.5280     (-0.0120)
Sample #2 =  3.4970     (0.0270)
Sample #3 =  3.5350     (0.0120)
Sample #4 =  3.5030     (0.0390)
Avg % Abs = 3.5117  (0.0260)
STD DEV =  0.0204  (0.0135)
REL STD DEV = 0.582  (52.030)
    -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  6.5490     (-0.0030)
Sample #2 =  6.5200     (0.0360)
Sample #3 =  6.5580     (0.0220)
Sample #4 =  6.5620     (0.0330)
Avg % Abs = 6.5467  (0.0303)
STD DEV =  0.0232  (0.0074)
REL STD DEV = 0.354  (24.300)
    -------------------

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12739, 9um Io = 12978
     <<<<<  CHANNEL 1  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  5.1310     (-0.0060)
Sample #2 =  5.1270     (0.0220)
Sample #3 =  5.0900     (0.0510)
Sample #4 =  5.0940     (0.0470)
Avg % Abs = 5.1037  (0.0400)
STD DEV =  0.0203  (0.0157)
REL STD DEV = 0.398  (39.291)
    -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample        % Abs     (% Abs Ref)
Sample #1 =  9.4460     (-0.0070)
Sample #2 =  9.4290     (0.0270)
Sample #3 =  9.4310     (0.0540)
Sample #4 =  9.4110     (0.0660)
Avg % Abs = 9.4237  (0.0490)
STD DEV =  0.0110  (0.0200)
REL STD DEV = 0.117  (40.765)
    -------------------
```

CAL ADJUSTMENT
#80-0067638P

```
        ***** AUTO CAL DATA *****
        <<<<<  CHANNEL 1  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.064
  Std Dev =    0.00 Rel Std Dev =   4.13
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.776
  Std Dev =    0.02 Rel Std Dev =   2.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.825
  Std Dev =    0.02 Rel Std Dev =   1.32
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.512
  Std Dev =    0.02 Rel Std Dev =   0.58
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    5.104
  Std Dev =    0.02 Rel Std Dev =   0.40
Zero Order Coef = -157.47
First Order Coef = 2613.35
Second Order Coef =  42.20
Standard Deviation =  12.336978
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        <<<<<  CHANNEL 2  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.080
  Std Dev =    0.01 Rel Std Dev =  15.08
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.440
  Std Dev =    0.01 Rel Std Dev =   0.77
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.421
  Std Dev =    0.02 Rel Std Dev =   0.54
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.547
  Std Dev =    0.02 Rel Std Dev =   0.35
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.424
  Std Dev =    0.01 Rel Std Dev =   0.12
Zero Order Coef = -94.72
First Order Coef = 1353.35
Second Order Coef =  18.22
Standard Deviation =  16.678829
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```

MX

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-----------------------------------------
| Solution Stats Quadratic Fit Chan 1 |
|  Act        Fit        Residual     |
| g/210L     g/210L      g/210L       |
| 0.000      0.000       -0.0002      |
| 0.040      0.040       -0.0002      |
| 0.100      0.100       0.0002       |
| 0.200      0.200       -0.0003      |
| 0.300      0.300       0.0001       |
-----------------------------------------

-----------------------------------------
| Solution Stats Quadratic Fit Chan 2 |
|  Act        Fit        Residual     |
| g/210L     g/210L      g/210L       |
| 0.000      0.000       -0.0003      |
| 0.040      0.040       0.0003       |
| 0.100      0.100       0.0003       |
| 0.200      0.200       -0.0005      |
| 0.300      0.300       0.0002       |
-----------------------------------------

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  3102.00
Sample #2 =  3164.00
Sample #3 =  3161.00
Sample #4 =  3159.00
Average Result = 3161.3333
STD DEV = 2.5166
REL STD DEV = 0.080
**********
***** CHANNEL 2
Sample #1 =  3322.00
Sample #2 =  3353.00
Sample #3 =  3341.00
Sample #4 =  3357.00
Average Result = 3350.3333
STD DEV = 8.3267
REL STD DEV = 0.249
**********
Dry Gas H2O Adjust Results **********
  Barometric Pressure = 1016
  3 um H2O Adjust (mg/l*10,000) = 648
  9 um H2O Adjust (mg/l*10,000) = 459
**** AUTO CAL PASS
```

POST CAL-ADJUST STABILITY CHECKS #80-006763

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/13/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:42
Control Test	0.047	08:43
Air Blank	0.000	08:43
Control Test	0.048	08:44
Air Blank	0.000	08:45
Control Test	0.049	08:45
Air Blank	0.000	08:46
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

SP
Operator's Signature

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/13/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:37
Control Test	0.079	08:38
Air Blank	0.000	08:39
Control Test	0.080	08:39
Air Blank	0.000	08:40
Control Test	0.080	08:41
Air Blank	0.000	08:41
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

SP
Operator's Signature

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/13/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:30
Control Test	0.197	08:30
Air Blank	0.000	08:31
Control Test	0.197	08:32
Air Blank	0.000	08:32
Control Test	0.197	08:33
Air Blank	0.000	08:33
Control Test Stats		
Average	0.1970	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

FHP TROOP L
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006763
06/13/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:34
Control Test	0.079	08:34
Air Blank	0.000	08:35
Control Test	0.079	08:35
Air Blank	0.000	08:36
Control Test	0.079	08:36
Air Blank	0.000	08:37
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP
Operator's Signature

6/17/19
JO

MX