INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency FHP ~~Sneads Police Department~~ Troop A DA 01-29-2021 S/N 80-000781

Date In 01/19/2021 DI Completion Date 01-22-2021 ☐Ship ☑P/U ☐H/D ☐CMI ☐EE

Intake Performed By RAW

- ☑ 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 Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2021.01.29 11:46:05 -05'00'

Quality Checks Performed By RAW

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 201
- ☑ Flow Verification (L/s)

Flow Column # ATP105

32 mm	.156	(.139 - .169)
36 mm	.171	(.156 - .190)
53 mm	.238	(.228 - .278)
103 mm	.523	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 30793

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	202010A 10-05-2022
0.080	MP5086	202010B 10-05-2022
0.200	MP5090	202010D 10-06-2022
0.080 DGS	N/A	AG011102 04-20-2022

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 IS

- ☑ Lab Temp °C 20.69

External Digital Therm. ID#: 300505

- ☑ 34°C +-.2 Serial #: MP5088
- ☑ 34°C +-.2 Serial #: MP5086
- ☑ 34°C +-.2 Serial #: MP5090

Calibration Adjustment Performed By IS

Barometric Pressure Gauge 1026 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5091	N/A	N/A
0.040	MP5082	20060	02-10-2022
0.100	MP5083	20190	04-06-2022
0.200	MP5084	20160	03-18-2022
0.300	MP5085	20030	01-21-2022
0.080 DGS	N/A	24620080A3	11-05-2022

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	202010A	10-05-2022
0.080	MP5086	202010B	10-05-2022
0.200	MP5090	202010D	10-06-2022
0.080 DGS	N/A	AG011102	04-20-2022

Department Inspection Performed By IS

Barometric Pressure ID# 30793

Gauge 1012 Instrument 1013

Mouth Alcohol Solution Lot # 2020-A

Acetone Stock Solution Lot # 2020-A

Simulator	Serial Number
0.000	G11621
Interferent	MP5087
0.050	MP5088
0.080	MP5086
0.200	MP5090

Attachments

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

Notes/Suggested Service:

Admin Review: Corrected agency name DA 1-29-2021 and added calibration certificate.

- ☑ **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**

Michael D. Haughey 2021.01.26 08:43:28 -05'00' — Tech Review / Date

2021.01.29 11:45:17 -05'00' — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP
Serial Number: 80-000781
Time of Inspection: 14:12
Date of Inspection: 01/22/2021
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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG011102 Exp: 04/20/2022
0.000	0.050	0.079	0.201	0.078
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.078
0.000	0.050	0.079	0.202	0.078
0.000	0.050	0.079	0.202	0.078
0.000	0.050	0.079	0.201	0.078
0.000	0.050	0.079	0.201	0.079
0.000	0.051	0.079	0.201	0.078
0.000	0.050	0.079	0.201	0.079

Standard Deviations	0.0006	0.0000	0.0004	0.0005

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

Remarks:

MK

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.

Israel Soto
ISRAEL SOTO
Signature and Printed Name

01/22/2021
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:09
Control Test	0.051	11:10
Air Blank	0.000	11:10
Control Test	0.050	11:11
Air Blank	0.000	11:12
Control Test	0.051	11:12
Air Blank	0.000	11:13

Control Test Stats

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

.05g/210L

RHW

Operator's Signature

F-P
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:14
Control Test	0.082	11:15
Air Blank	0.000	11:16
Control Test	0.082	11:16
Air Blank	0.000	11:17
Control Test	0.081	11:18
Air Blank	0.000	11:18

Control Test Stats

Average	0.0817
Std Dev	0.0006
Rel Std Dev(%)	0.7070

.08g/210L
wet

RHW

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:24
Control Test	0.207	11:25
Air Blank	0.000	11:25
Control Test	0.204	11:26
Air Blank	0.000	11:27
Control Test	0.203	11:27
Air Blank	0.000	11:28

Control Test Stats

Average	0.2047
Std Dev	0.0021
Rel Std Dev(%)	1.0171

.20g/210L

RHW

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:30
Control Test	0.080	11:30
Air Blank	0.000	11:31
Control Test	0.081	11:31
Air Blank	0.000	11:32
Control Test	0.081	11:32
Air Blank	0.000	11:32

Control Test Stats

Average	0.0807
Std Dev	0.0006
Rel Std Dev(%)	0.7157

.08g/210L
DGS

RHW

Operator's Signature

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000781 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000781
Owning Agency:	FHP
Calibration Date:	01/22/2021
Calibration Time:	14:12

	UNCERTAINTY* ±
0.050 g/ 210 L	0.005
0.080 g/ 210 L	0.004
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).
The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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.

01/22/2021
Date

Israel Soto
ISRAEL SOTO,
Department Inspector

Optical Bench Cal. Adjust.

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021 13:03:57

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 29

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12530, 9um Io = 13082
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1100	(-0.0130)
Sample #2 =	0.0930	(0.0180)
Sample #3 =	0.1290	(0.0140)
Sample #4 =	0.1480	(0.0110)

Avg % Abs = 0.1233 (0.0143)
STD DEV = 0.0279 (0.0035)
REL STD DEV = 22.650 (24.502)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1400	(-0.0180)
Sample #2 =	0.1170	(-0.0030)
Sample #3 =	0.1280	(-0.0060)
Sample #4 =	0.1250	(-0.0030)

Avg % Abs = 0.1233 (-0.0040)
STD DEV = 0.0057 (0.0017)
REL STD DEV = 4.610 (43.301)

Sol Value = 0.040 g/210L ***
Fit value = 0.1985 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12530, 9um Io = 13082
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.9430	(-0.0180)
Sample #2 =	0.9100	(0.0310)
Sample #3 =	0.9100	(0.0390)
Sample #4 =	0.9000	(0.0250)

Avg % Abs = 0.9067 (0.0317)
STD DEV = 0.0058 (0.0070)
REL STD DEV = 0.637 (22.180)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5870	(0.0020)
Sample #2 =	1.5790	(0.0230)
Sample #3 =	1.5640	(0.0330)
Sample #4 =	1.5590	(0.0300)

Avg % Abs = 1.5673 (0.0287)
STD DEV = 0.0104 (0.0051)
REL STD DEV = 0.664 (17.931)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12524, 9um Io = 13078
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0360	(-0.0160)
Sample #2 =	2.0150	(0.0180)
Sample #3 =	1.9910	(0.0530)
Sample #4 =	1.9810	(0.0440)

Avg % Abs = 1.9957 (0.0383)
STD DEV = 0.0175 (0.0162)
REL STD DEV = 0.875 (47.413)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6760	(-0.0140)
Sample #2 =	3.6400	(0.0320)
Sample #3 =	3.5970	(0.0650)
Sample #4 =	3.5990	(0.0480)

Avg % Abs = 3.6120 (0.0483)
STD DEV = 0.0243 (0.0165)
REL STD DEV = 0.672 (34.143)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12525, 9um Io = 13080
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8530	(-0.0210)
Sample #2 =	3.7670	(0.0350)
Sample #3 =	3.7660	(0.0500)
Sample #4 =	3.7500	(0.0900)

Avg % Abs = 3.7610 (0.0583)
STD DEV = 0.0095 (0.0284)
REL STD DEV = 0.254 (48.739)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0560	(-0.0030)
Sample #2 =	6.9340	(0.0990)
Sample #3 =	6.9060	(0.1270)
Sample #4 =	6.9010	(0.1440)

Avg % Abs = 6.9137 (0.1233)
STD DEV = 0.0178 (0.0227)
REL STD DEV = 0.257 (18.424)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12517, 9um Io = 13073
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4910	(-0.0110)
Sample #2 =	5.4570	(0.0470)
Sample #3 =	5.4660	(0.0540)
Sample #4 =	5.4090	(0.0870)

Avg % Abs = 5.4440 (0.0627)
STD DEV = 0.0306 (0.0214)
REL STD DEV = 0.563 (34.088)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0340	(-0.0130)
Sample #2 =	9.9560	(0.1380)
Sample #3 =	9.9410	(0.1560)
Sample #4 =	9.9060	(0.1700)

Avg % Abs = 9.9343 (0.1547)
STD DEV = 0.0257 (0.0160)
REL STD DEV = 0.258 (10.372)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.123
Std Dev = 0.03 Rel Std Dev = 22.65
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.907
Std Dev = 0.01 Rel Std Dev = 0.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.996
Std Dev = 0.02 Rel Std Dev = 0.88
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.761
Std Dev = 0.01 Rel Std Dev = 0.25
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.444
Std Dev = 0.03 Rel Std Dev = 0.56
Zero Order Coef = -325.24
First Order Coef = 2462.37
Second Order Coef = 40.86
Standard Deviation = 22.245350

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.123
Std Dev = 0.01 Rel Std Dev = 4.61
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.567
Std Dev = 0.01 Rel Std Dev = 0.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.612
Std Dev = 0.02 Rel Std Dev = 0.67
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.914
Std Dev = 0.02 Rel Std Dev = 0.26
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.934
Std Dev = 0.03 Rel Std Dev = 0.26
Zero Order Coef = -154.92
First Order Coef = 1294.49
Second Order Coef = 15.90
Standard Deviation = 24.075262

opt. Bench, Cal. Adj

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0004
0.040	0.041	-0.0008
0.100	0.100	0.0002
0.200	0.200	0.0002
0.300	0.300	-0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0001
0.040	0.040	-0.0002
0.100	0.099	0.0007
0.200	0.201	-0.0006
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 = 2918.00
Sample #2 = 3007.00
Sample #3 = 3016.00
Sample #4 = 2982.00
Average Result = 3001.6667
STD DEV = 17.6163
REL STD DEV = 0.587
****
***** CHANNEL 2
Sample #1 = 3295.00
Sample #2 = 3320.00
Sample #3 = 3350.00
Sample #4 = 3342.00
Average Result = 3337.3333
STD DEV = 15.5349
REL STD DEV = 0.465
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1025
3 um H2O Adjust (mg/l*10,000) = 838
9 um H2O Adjust (mg/l*10,000) = 472
**** AUTO CAL PASS

Post Stability Checks

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:00
Control Test	0.049	15:00
Air Blank	0.000	15:01
Control Test	0.049	15:01
Air Blank	0.000	15:02
Control Test	0.049	15:03
Air Blank	0.000	15:03
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:05
Control Test	0.080	15:05
Air Blank	0.000	15:06
Control Test	0.079	15:07
Air Blank	0.000	15:07
Control Test	0.079	15:08
Air Blank	0.000	15:09
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

wet

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:10
Control Test	0.202	15:10
Air Blank	0.000	15:11
Control Test	0.198	15:12
Air Blank	0.000	15:12
Control Test	0.199	15:13
Air Blank	0.000	15:13
Control Test Stats		
Average	0.1997	
Std Dev	0.0021	
Rel Std Dev(%)	1.0426	

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000781
01/19/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:14
Control Test	0.078	15:15
Air Blank	0.000	15:15
Control Test	0.079	15:16
Air Blank	0.000	15:16
Control Test	0.079	15:16
Air Blank	0.000	15:17
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Dry

Operator's Signature

2021.01.29 11:44:42 -05'00'